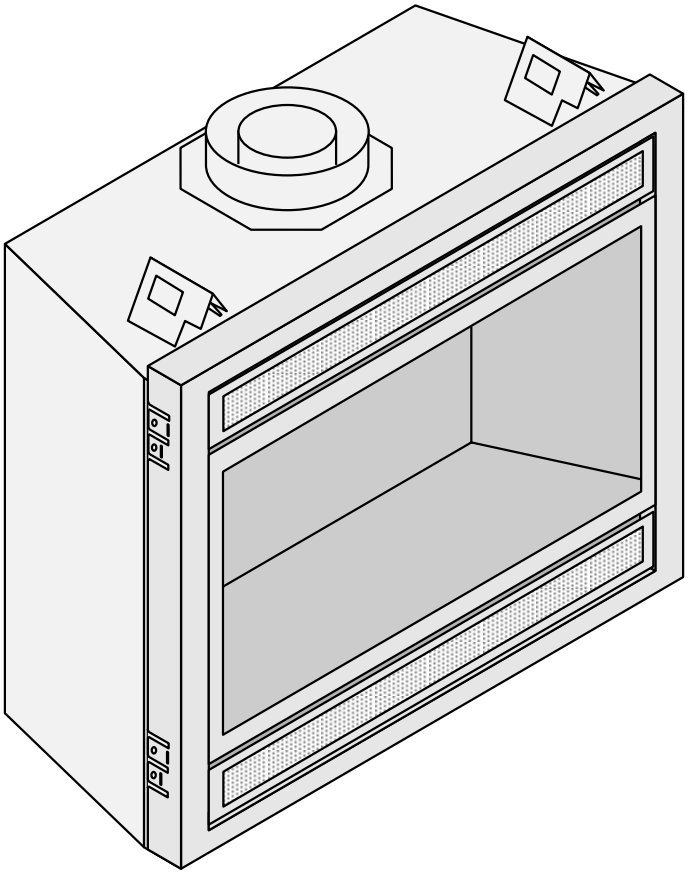

564 SS GSR2 Fireplace with Screen (AU)

Listed by

AS 4553-2008

GMK10022

IAPMO-R&T OCEANA

- **Built-In Direct Vent Fireplace**
- **Natural Gas or Propane**
- **Residential or Mobile Home**

WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- **DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.**
- **DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.**
- **DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.**
- **DO NOT MODIFY THIS APPLIANCE.**
- **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.**

WHAT TO DO IF YOU SMELL GAS

- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

- **Installation and service must be performed by a qualified installer, service agency or the gas supplier.**

This appliance may be installed in an aftermarket permanently located, manufactured home (USA only) or mobile home, where not prohibited by local codes.

This appliance is only for use with the type(s) of gas indicated on the rating plate. A conversion kit is supplied with the appliance.

Installation Manual

Installer: **After installation give this manual to the home-owner and explain operation of this heater.**

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Dragon Wholesaling Pty. Ltd.

Unit 4, 16 Lexington Drive

Bella Vista NSW 2153

Australia

Overview

This manual details the installation requirements for the 564 GSR2 fireplace. For operating and maintenance instructions, refer to the 564 GSR2 Owner's Manual (part # 100-01394).

IAPMO-R&T OCEANA™ Gas Mark GMK10022

564 SS GSR2 (Au)
Vented Gas Fireplace Heater

Minimum Clearances to Combustibles

Fireplace to adjacent wall	25 mm	Top to enclosure	0 mm
Side to enclosure	13 mm	Combustible floor under fireplace	0 mm
Back to enclosure	13 mm	Base of fireplace to a mantel	See Owner's Manual

FAN TYPE VENTED CIRCULATOR
Blower Electrical Rating: 240V., 1.5 Amps, 50 Hz, 150 Watts

	L.P.	N.G.
Input Rate on "HI" (MJ/h)	21.6	21.6
Input Rate on "LO" (MJ/h)	4.4	5.4
Orifice Size - Front (DMS)	#67	#56
Orifice Size - Rear (DMS)	1.1mm	#50

	L.P.	N.G.
Minimum Inlet Pressure (kPa)	2.74	1.37
Maximum Inlet Pressure (kPa)	3.24	1.74
Manifold Pressure on "HI" (kPa)	2.74	.87

This appliance is equipped for installation 0-610 m. For altitudes above 600m, the vent configuration, orifice, or combination of both may need to be changed. See owner's manual for information on making these changes.

MANUFACTURE DATE:

☐ 2013	☐ Jan.	☐ Apr.	☐ Jul.	☐ Oct.	
☐ 2014	☐ Feb.	☐ May	☐ Aug.	☐ Nov.	
☐ 2015	☐ Mar.	☐ Jun.	☐ Sep.	☐ Dec.	

Manufactured by:

TRAVIS INDUSTRIES

Certificate Holder:

Dragon Wholesaling Pty. Ltd.
Unit 4, 16 Lexington Drive
Bella Vista NSW 2153

Tested to the combustion performance and construction requirements of AS 4553-2008 Gas Space Heating Appliances. This appliance must be installed in accordance with all local codes.

This 564 SS GSR2 appliance is equipped from the factory only for use with Natural Gas and is only for use with the type of gas indicated on the rating plate. For conversion to LP (Propane) use a certified kit supplied by the manufacturer. See owner's manual for information on making these changes.

This appliance may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes.

This vented gas fireplace heater is not for use with air filters. This appliance must be properly connected to a venting system in accordance with the manufacturer's installation instructions. Use only approved coaxial direct vent systems to vent this appliance to the exterior. See owner's manual for approved brands of venting.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

This appliance is a Vented Gas Fireplace Heater. Not for use with Solid Fuel.

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4 Safety Precautions

Safety Warnings

- Failure to follow all of the requirements may result in property damage, bodily injury, or even death.

Young children should be carefully supervised when they are in the same room as the appliance. Toddlers, young children and others may be susceptible to accidental contact burns. A physical barrier is recommended if there are at risk individuals in the house. To restrict access to a fireplace or stove, install an adjustable safety gate to keep toddlers, young children and other at risk individuals out of the room and away from hot surfaces.

Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition. Do not touch the hot surfaces of the heater. Educate all children of the danger of a high-temperature heater.

Due to the high temperature, the heater should be located out of traffic and away from furniture and draperies.

- This unit must be installed by a qualified installer to prevent the possibility of an explosion.
- This appliance must be installed in accordance with all local codes, if any; if not, in U.S.A. follow ANSI Z223.1 and NFPA 54(88), in Canada follow CSA B149.1.
- A manufactured home (USA only) or mobile home OEM installation must conform with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or, when such a standard is not applicable, the Standard for Manufactured Home Installations, ANSI/NCSBCS A225.1, or Standard for Gas Equipped Recreational Vehicles and Mobile Housing, CSA Z240.4. This appliance may be installed in Manufactured Housing only after the home is site located.
- All exhaust gases must be vented outside the structure of the living-area. Combustion air is drawn from outside the living-area structure. The venting must not be connected to a chimney flue serving a separate solid-fuel burning appliance.
- Notify your insurance company before hooking up this fireplace.
- The instructions in this manual must be strictly adhered to. Do not use makeshift methods or compromise in the installation. Improper installation will void the warranty and safety listing.
- This heater is approved for use with natural gas (NG) or propane (LP). Burning the incorrect fuel will void the warranty and safety listing and may cause an extreme safety hazard. Direct questions about the type of fuel used to your dealer.
- Contact your local building officials to obtain a permit and information on any installation restrictions or inspection requirements in your area.
- If the flame becomes sooty, dark orange in color, or extremely tall, do not operate the heater. Call your dealer and arrange for proper servicing.
- It is imperative that control compartments, screens, or circulating air passageways of the heater be kept clean and free of obstructions. These areas provide the air necessary for safe operation.
- Do not operate the heater if it is not operating properly in any fashion or if you are uncertain. Call your dealer for a full explanation of your heater and what to expect.
- Do not store or use gasoline or other flammable liquids in the vicinity of this heater.
- Do not operate if any portion of the heater was submerged in water or if any corrosion occurs. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
- Because this heater can be controlled by a thermostat there is a possibility of the heater turning on and igniting any items placed on or near the appliance.

Safety Warnings (continued)

- Light the heater using the built-in igniter. Do not use matches or any other external device to light your heater.
- Never remove, replace, modify or substitute any part of the heater unless instructions are given in this manual. All other work must be done by a trained technician. Don't modify or replace orifices.
- The viewing glass should be opened only for conducting service.
- Allow the heater to cool before carrying out any maintenance or cleaning.
- Operate the heater according to the instructions included in this manual.
- If the main burners do not start correctly turn the gas off and call your dealer for service.
- This unit is not for use with solid fuel.
- Do not place anything inside the firebox (except the optional artwork).
- **Warning:** Do not operate appliance with the glass front removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.
- Do not throw this manual away. This manual has important operating and maintenance instructions that you will need at a later time. Always follow the instructions in this manual.
- Instruct everyone in the house how to shut gas off to the appliance and at the gas main shutoff valve. The gas main shutoff valve is usually next to the gas meter or propane tank and requires a wrench to shut off.
- A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.
- If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.
- Clothing or other flammable material should not be placed on or near the appliance.
- Any safety screen, guard, or barrier removed for servicing an appliance must be replaced prior to operating the appliance.
- Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning might be required due to excessive lint from carpeting, bedding material, et cetera. It is imperative that control compartments, burners, and circulating air passageways of the appliance be kept clean.
- **Travis Industries, Inc. grants no warranty, implied or stated, for the installation or maintenance of your heater, and assumes no responsibility of any consequential damage(s).**

SAFETY WARNINGS:

- **DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.**
- **DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.**
- **DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.**
- **DO NOT MODIFY THIS APPLIANCE.**
- **THIS INSTALLATION MUST CONFORM WITH THE FOLLOWING:**
  - Manufacturer's Installation instructions
  - Local Gas Fitting Regulations
  - Municipal Building Codes,
  - Refer to AS/NZS 5601.1 for Gas Installations.
  - S.A.A. Wiring Code
  - Local Electrical Regulations
  - Any other statutory regulations
- **NOT SUITABLE FOR MARINE USE.**
- **NOT INTENDED FOR FIREPLACE INSERT.**

APPLIANCES INCORPORATING A LIVE FUEL EFFECT, AND DESIGNED TO OPERATE

6 Features and Specifications

Installation Options

- Residential or Mobile Home
- Straight or Corner Placement
- Flush or Recessed Face
- Raised or Floor Placement
- Internal or External Chase
- Horizontal or Vertical Vent
- Bedroom Approved

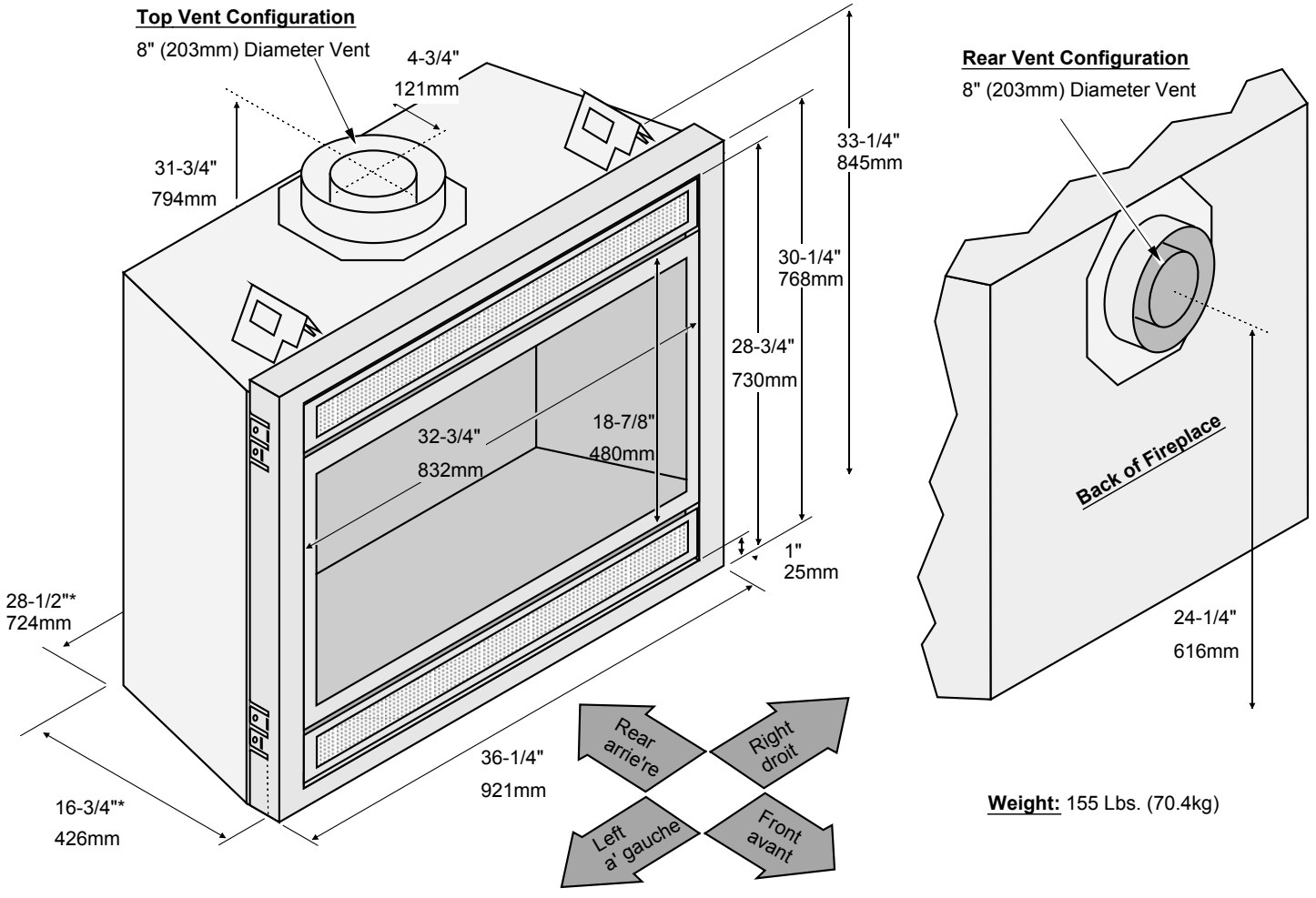
Heating Specifications

	Natural Gas	Propane
Approximate Heating Capacity (in square feet)*	950	950
Approximate Heating Capacity (in square meters)*	88	88
Maximum BTU Input Per Hour	20,500	20,500
Maximum Megajoules (MJ) Input Per Hour	21.6	21.6

* Heating capacity will vary with floor plan, insulation, and outside temperature.

** Efficiency rating is a product thermal efficiency rating determined under continuous operation independent of installed system.

Dimensions



Weight: 155 Lbs. (70.4kg)

* See "Clearances" and "Framing Dimensions" for details.

Packing List

- Propane Conversion Kit
- Log Set
- Firestop (sku 250-00747)
- Remote

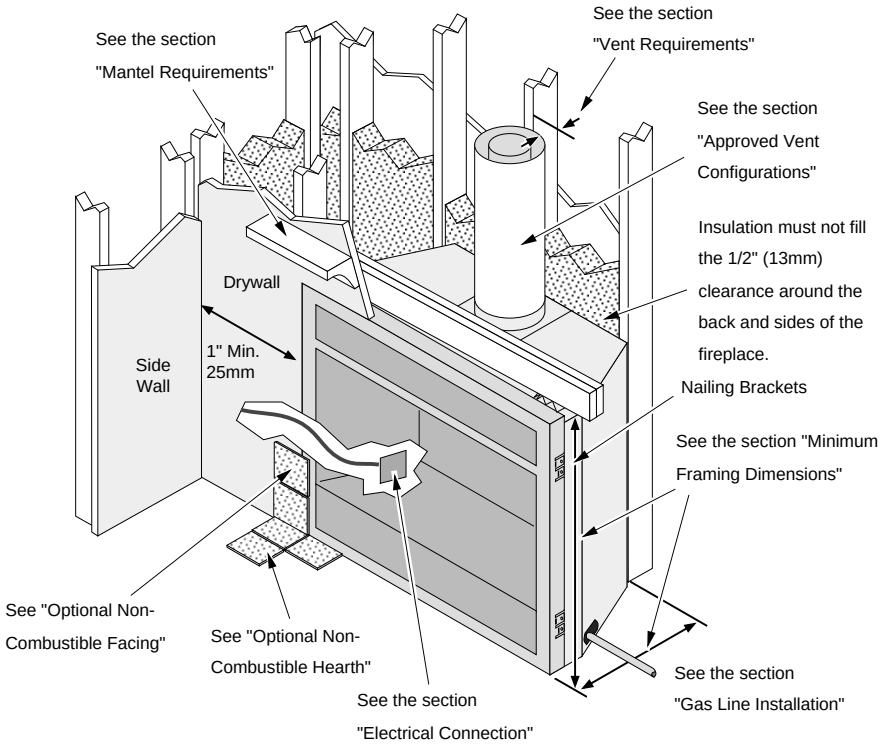
Additional Items Required

- Direct Vent
- Gas Line Equipment (shutoff valve, pipe, etc.)
- Electrical Equipment (min. 14 gauge, grounded line)

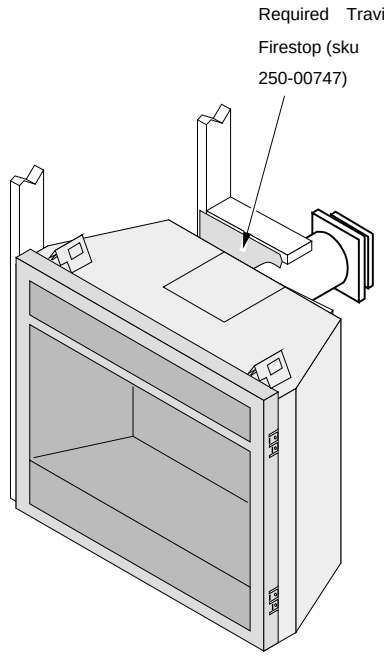
Installation Overview

- All requirements below must be met.

Top Vent Configuration


See the section "Mantel Requirements"
See the section "Vent Requirements"
See the section "Approved Vent Configurations"
Insulation must not fill the 1/2" (13mm) clearance around the back and sides of the fireplace.
Drywall
1" Min. 25mm
Side Wall
Nailing Brackets
See the section "Minimum Framing Dimensions"
See "Optional Non-Combustible Facing"
See "Optional Non-Combustible Hearth"
See the section "Electrical Connection"
See the section "Gas Line Installation"

Rear Vent Configuration



Recommended Installation Procedure

- Frame the opening for the fireplace. Make sure to allow for vent installation.
- This fireplace is designed to accommodate 1/2" (13mm) or 5/8" (16mm) drywall (see "Nailing Brackets" on page 15 for details). Secure the fireplace to the framing.
- Install the vent, gas line and electrical hook-up.
- Install the drywall.
- Install the hearth (if applicable).
- Install the facing (if applicable).
- Install the mantel (if applicable).
- Finalize the installation (see page 43) and install the grill or face.

8 Installation (for qualified installers only)

Massachusetts Requirements

NOTE: The following requirements reference various Massachusetts and national codes not contained in this document.

Requirements for the Commonwealth of Massachusetts

For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

Installation of Carbon Monoxide Detectors

At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gasfitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gasfitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors.

In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

Approved Carbon Monoxide Detectors

Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

Signage

A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, “GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS”.

Inspection

The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

Exemptions

The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

• The equipment listed in Chapter 10 entitled “Equipment Not Required To Be Vented” in the most current edition of NFPA 54 as adopted by the Board; and

• Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

MANUFACTURER REQUIREMENTS

Gas Equipment Venting System Provided

When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

• Detailed instructions for the installation of the venting system design or the venting system components; and

• A complete parts list for the venting system design or venting system.

Gas Equipment Venting System NOT Provided

When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies “special venting systems”, the following requirements shall be satisfied by the manufacturer:

• The referenced “special venting system” instructions shall be included with the appliance or equipment installation instructions; and

• The “special venting systems” shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

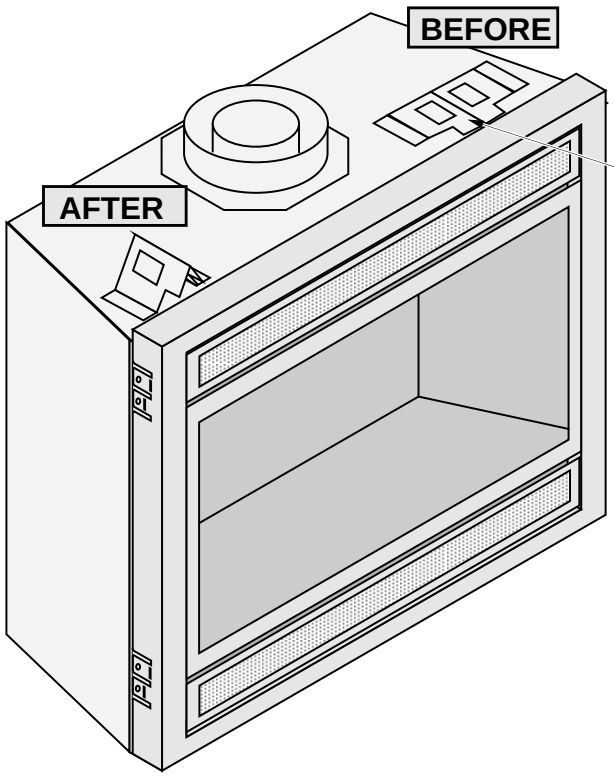
A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

See Gas Connection section for additional Commonwealth of Massachusetts requirements.

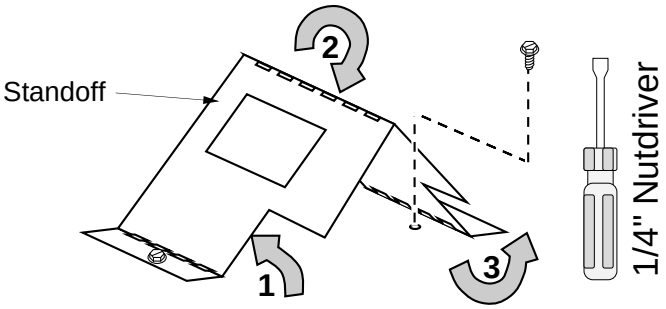
Top Stand-Off Assembly

The top stand-offs must be assembled prior to installation.

Warning: **You must follow the instructions below to elevate both standoffs. Failure to do so will result in an extreme fire hazard.**

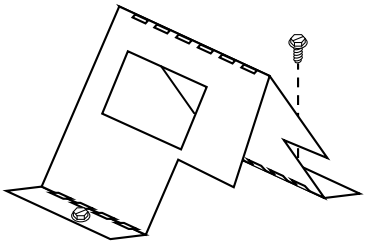


The standoffs are shipped in the flat position. Make sure to follow the instructions below before installing the fireplace.



ⓐ Bend the standoff in the numbered sequence shown above.

ⓑ Remove the screw below the standoff.



ⓒ Replace the screw to secure the standoff.

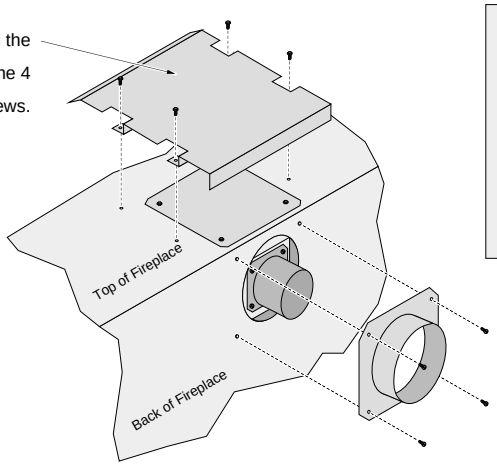
Top Vent or Rear Vent Configuration

This appliance is shipped in the rear vent configuration. To change to the top vent configuration, follow the directions below.

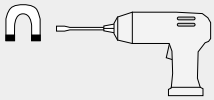
NOTE: the vent configuration affects several aspects of installation (framing, maximum vent rise, maximum vent run). Make sure the vent configuration is correct prior to installation. You may wish to configure the diffuser when changing the vent configuration.

Converting the Fireplace to Top Vent Configuration

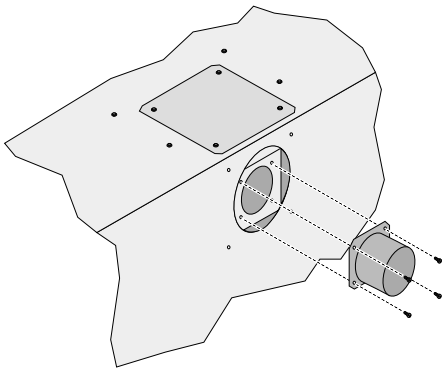
Remove and discard the heat shield. Replace the 4 removed screws.



NOTE: Use a magnetic-tipped nutdriver on these screws - take care to prevent the screws from falling into the fireplace.

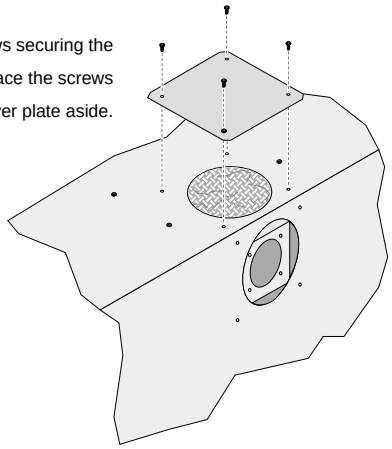


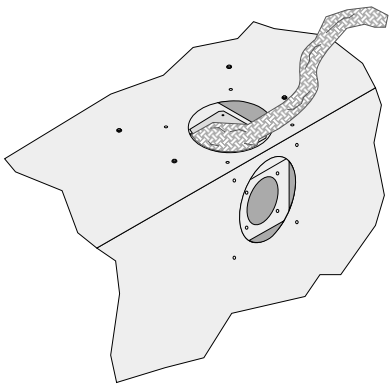
Remove the 4 screws securing the outer flue assembly. Place the screws and assembly aside.



Remove the 4 screws securing the inner flue assembly. Place the screws and assembly aside.

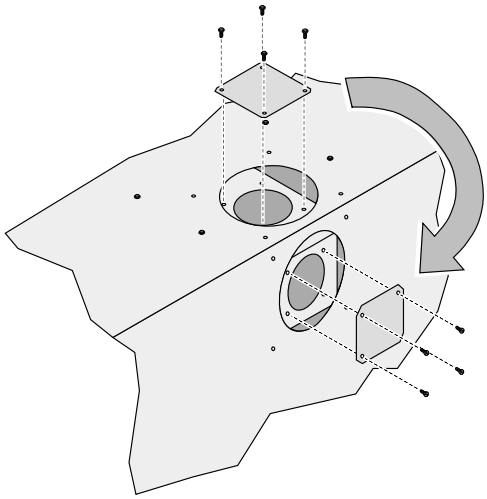
Remove the 4 screws securing the intake cover plate. Place the screws and cover plate aside.



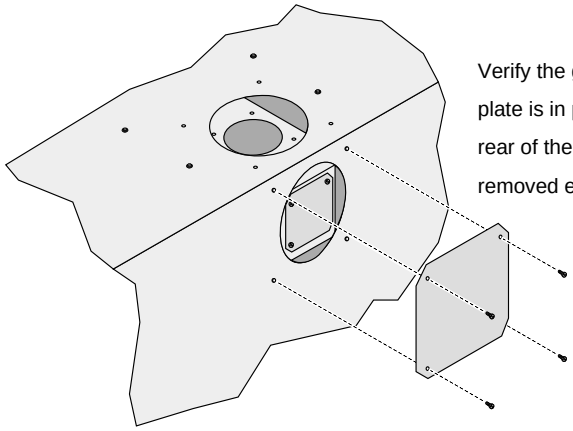


Remove and discard the insulation found below the large cover plate.

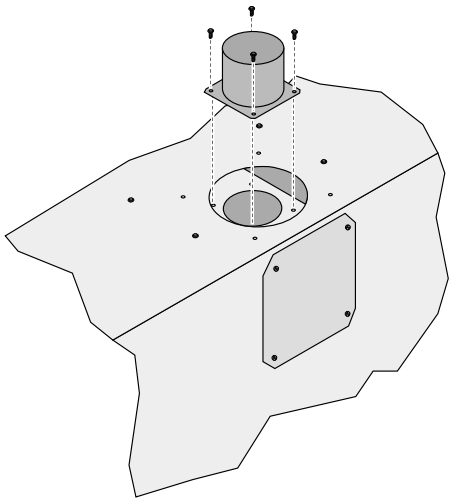
Converting the Fireplace to Top Vent (continued)



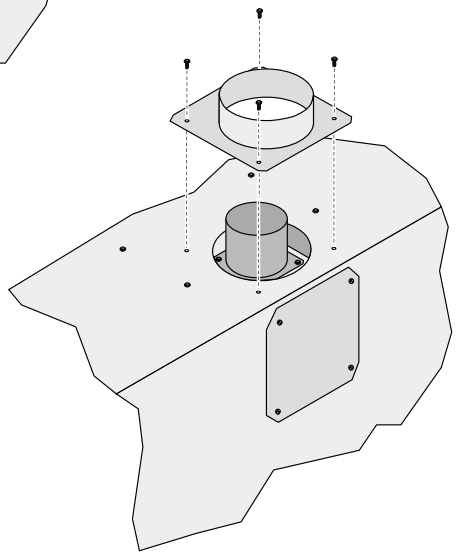
Remove the 4 screws securing the exhaust cover plate. Verify the gasket on the cover plate is in place, then attach it to the rear-facing exhaust port with the same screws.



Verify the gasket on the intake cover plate is in place, then attach it to the rear of the fireplace using the screws removed earlier.



Verify the gasket on the inner flue assembly is in place, then attach it to the upward-facing exhaust port using the screws removed earlier.



Verify the gasket on the outer flue assembly is in place, then attach it to the top of the fireplace using the screws removed earlier.

12 Installation (for qualified installers only)

Fireplace Placement Requirements

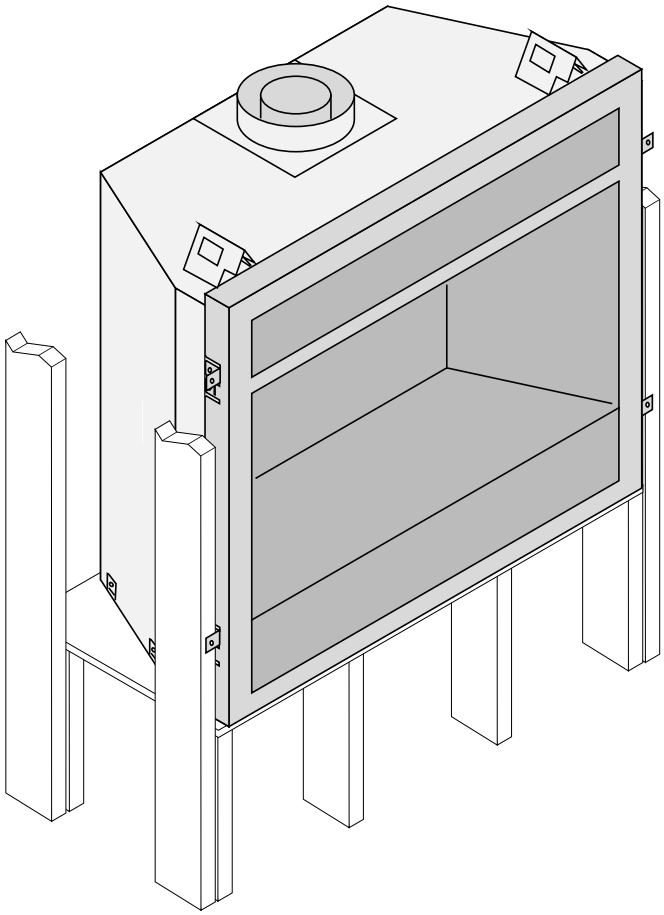
- Fireplace must be installed on a level surface capable of supporting the fireplace and vent
- Fireplace must be placed directly on wood or non-combustible surface (not on linoleum or carpet)
- This heater may be placed in a bedroom. Please be aware of the large amount of heat this appliance produces when determining a location.

Clearances

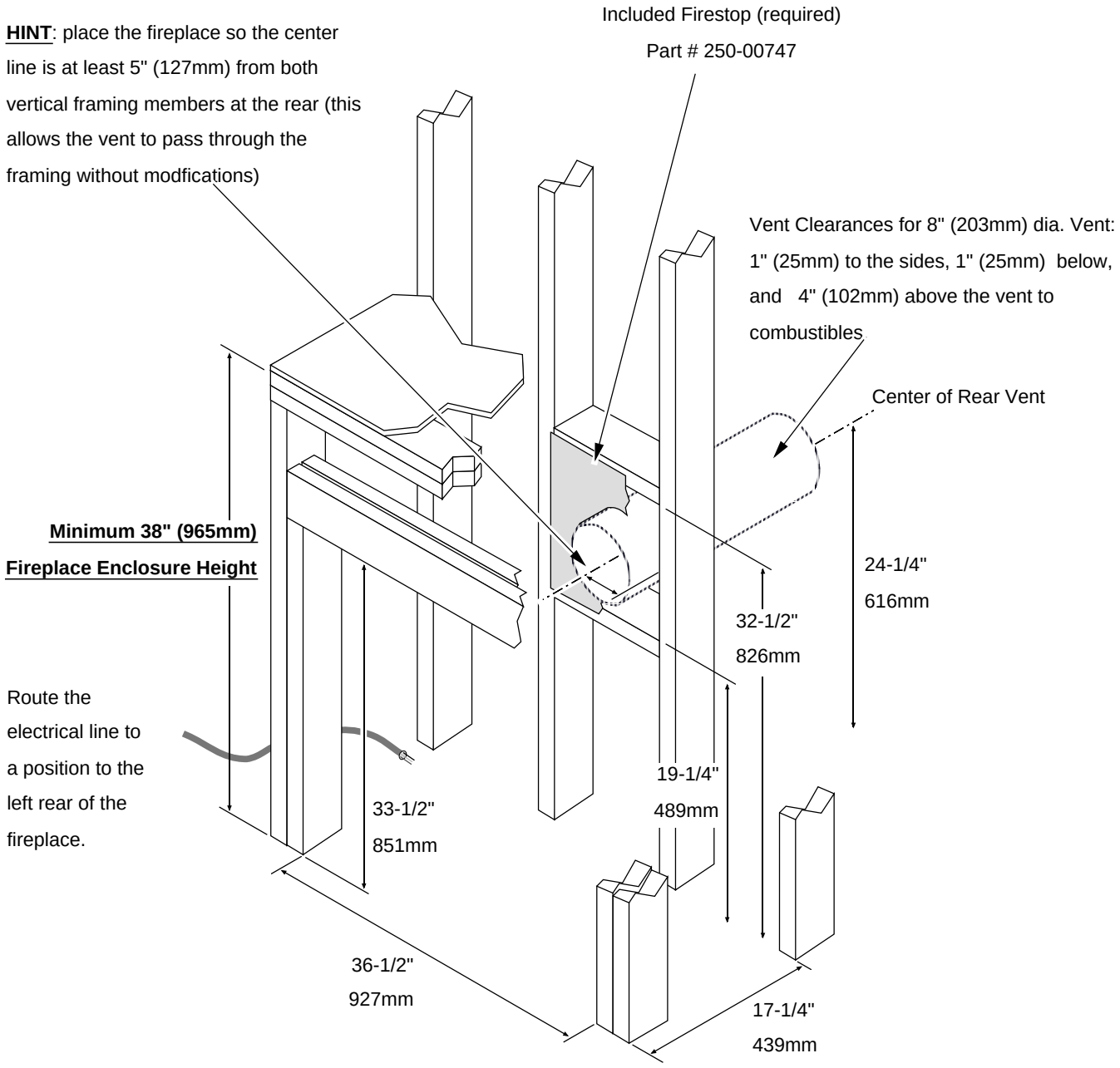
- The fireplace requires a 1/2" (13mm) clearance from the angled sides and back of the fireplace to the framing members. No material (insulation, framing, etc.) may be placed into this area.
- When installed, walls in front of the fireplace must be a minimum 1" (25mm) to the side of the fireplace.
- Due to the high temperature, the heater should be located out of traffic and away from furniture and draperies.
- Fireplace must be placed so the vents below and above the glass do not become blocked.

Raised Fireplaces

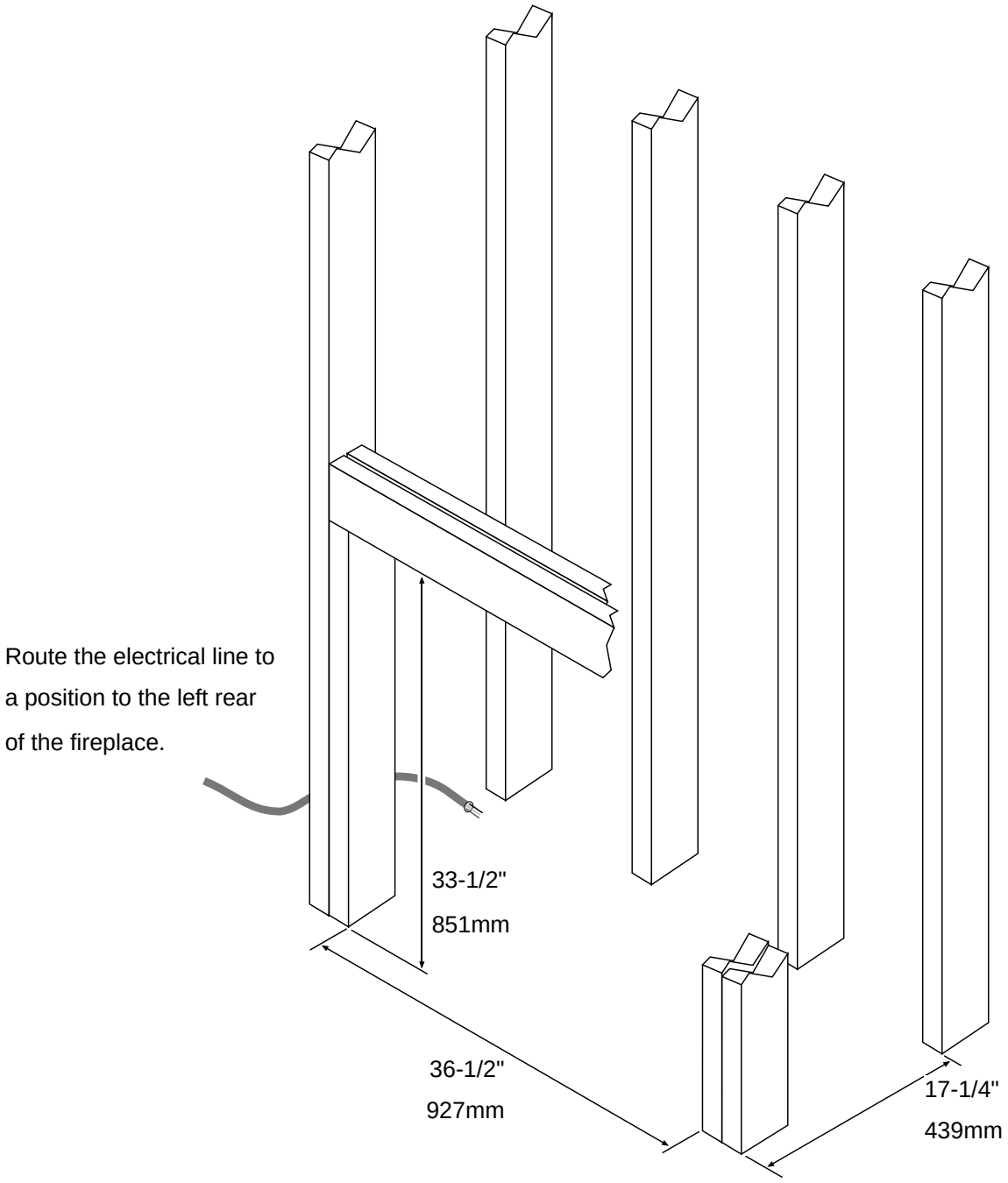
- The fireplace (and hearth, if desired) may be placed on a platform designed to support the fireplace (155 Lbs.70 Kg) and vent.
- The base of the fireplace must be a minimum 70” (1778mm) below the room ceiling.



Minimum Framing Dimensions - Rear Vent Configuration


HINT: place the fireplace so the center line is at least 5" (127mm) from both vertical framing members at the rear (this allows the vent to pass through the framing without modfications)
Included Firestop (required)
Part # 250-00747
Vent Clearances for 8" (203mm) dia. Vent: 1" (25mm) to the sides, 1" (25mm) below, and 4" (102mm) above the vent to combustibles
Center of Rear Vent
Minimum 38" (965mm) Fireplace Enclosure Height
24-1/4"
616mm
32-1/2"
826mm
Route the electrical line to a position to the left rear of the fireplace.
19-1/4"
489mm
33-1/2"
851mm
36-1/2"
927mm
17-1/4"
439mm

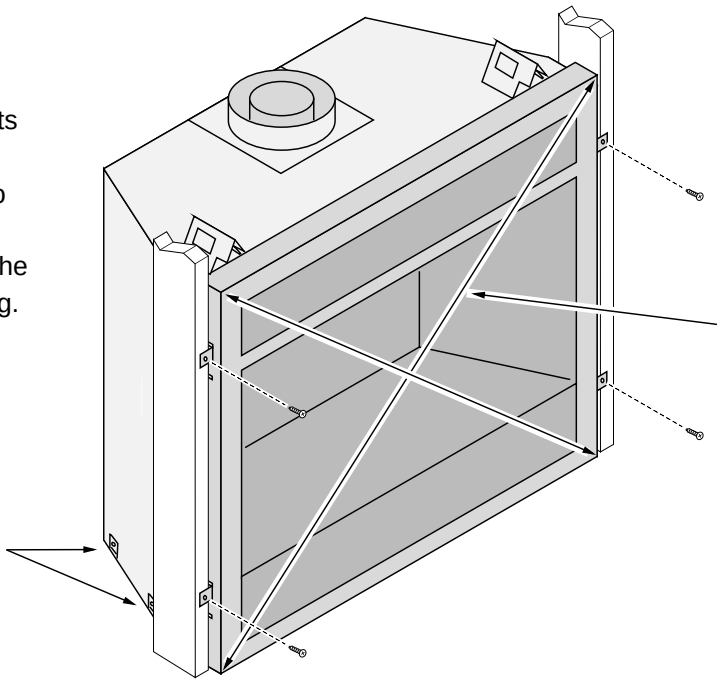
Minimum Framing Dimensions - Top Vent Configuration



Minimum enclosure height = 38" (965mm)

Nailing Brackets

There are four nailing brackets on the front of the fireplace. Follow the directions below to prepare the nailing brackets. Once in place, nail or screw the nailing brackets to the framing.

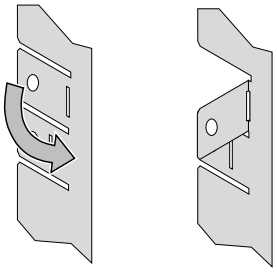


WARNING:
Make sure the fireplace is square and plumb when placed in the framing. Measured corner-to-corner, the fireplace should be square (approx. 47-1/8" (1197mm) for each dimension). Use shims to insure the fireplace is square.

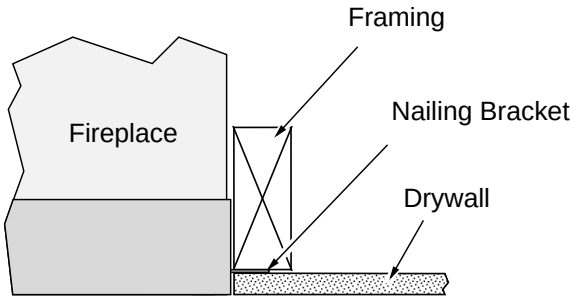
NOTE: Additional nailing brackets are provided along the base of the fireplace. Use these brackets if not using the front brackets.

1/2" (13mm) Drywall

For installations using 1/2" (13mm) facing fold the larger tab out 90° (use a screwdriver if necessary).

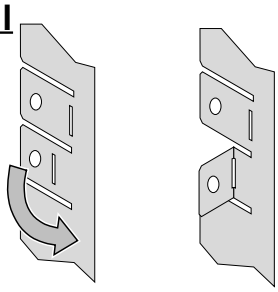


TOP VIEW

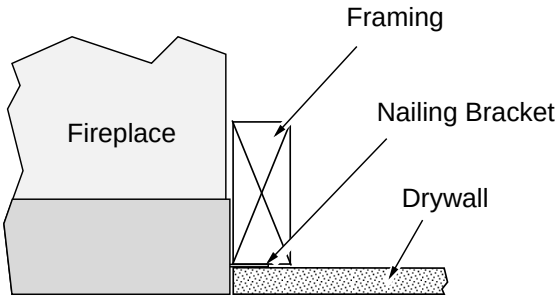


5/8" (0.625mm) Drywall

For installations using 5/8" (0.625mm) drywall fold the shorter tab out 90° (use a screwdriver if necessary).

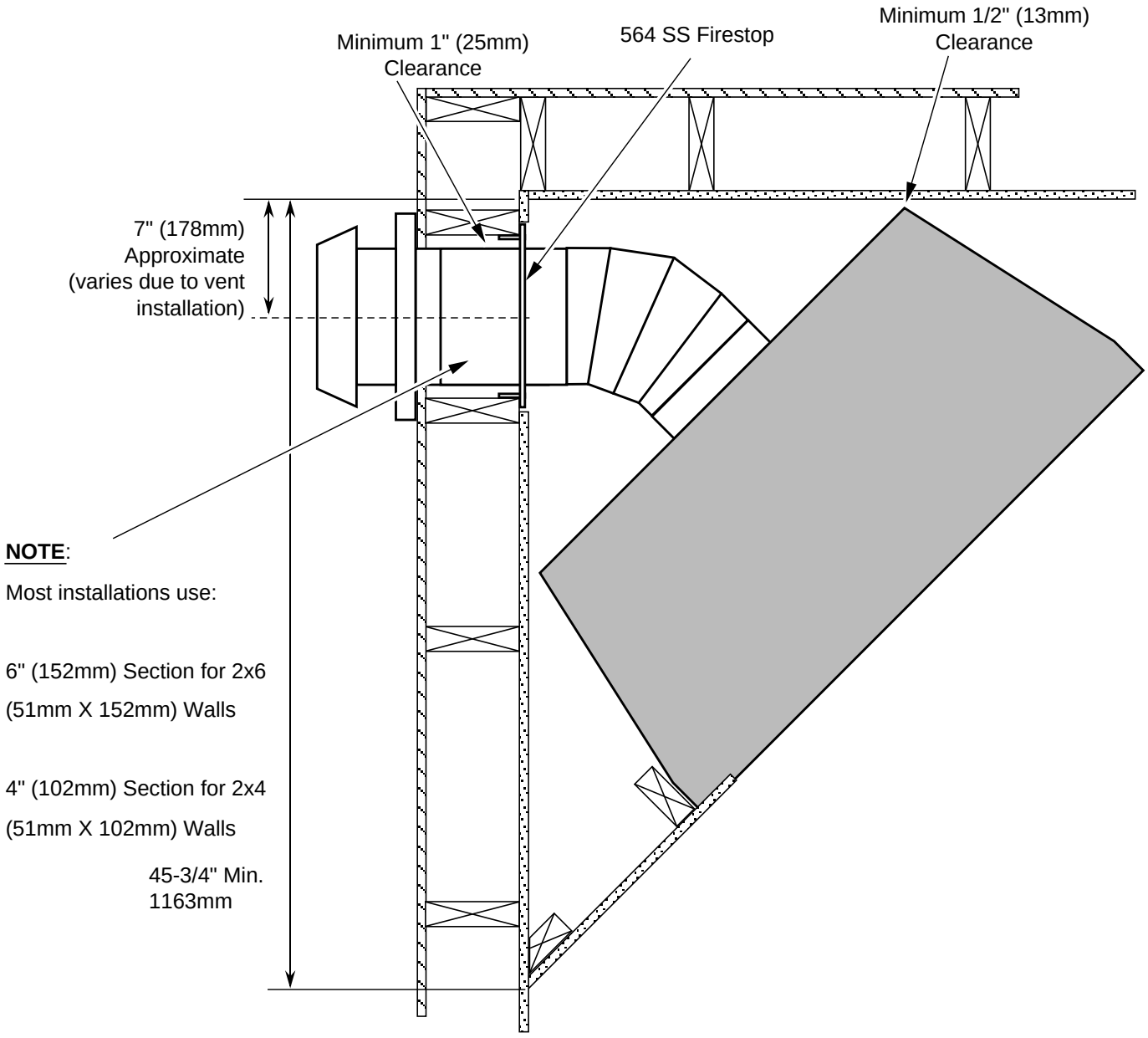


TOP VIEW



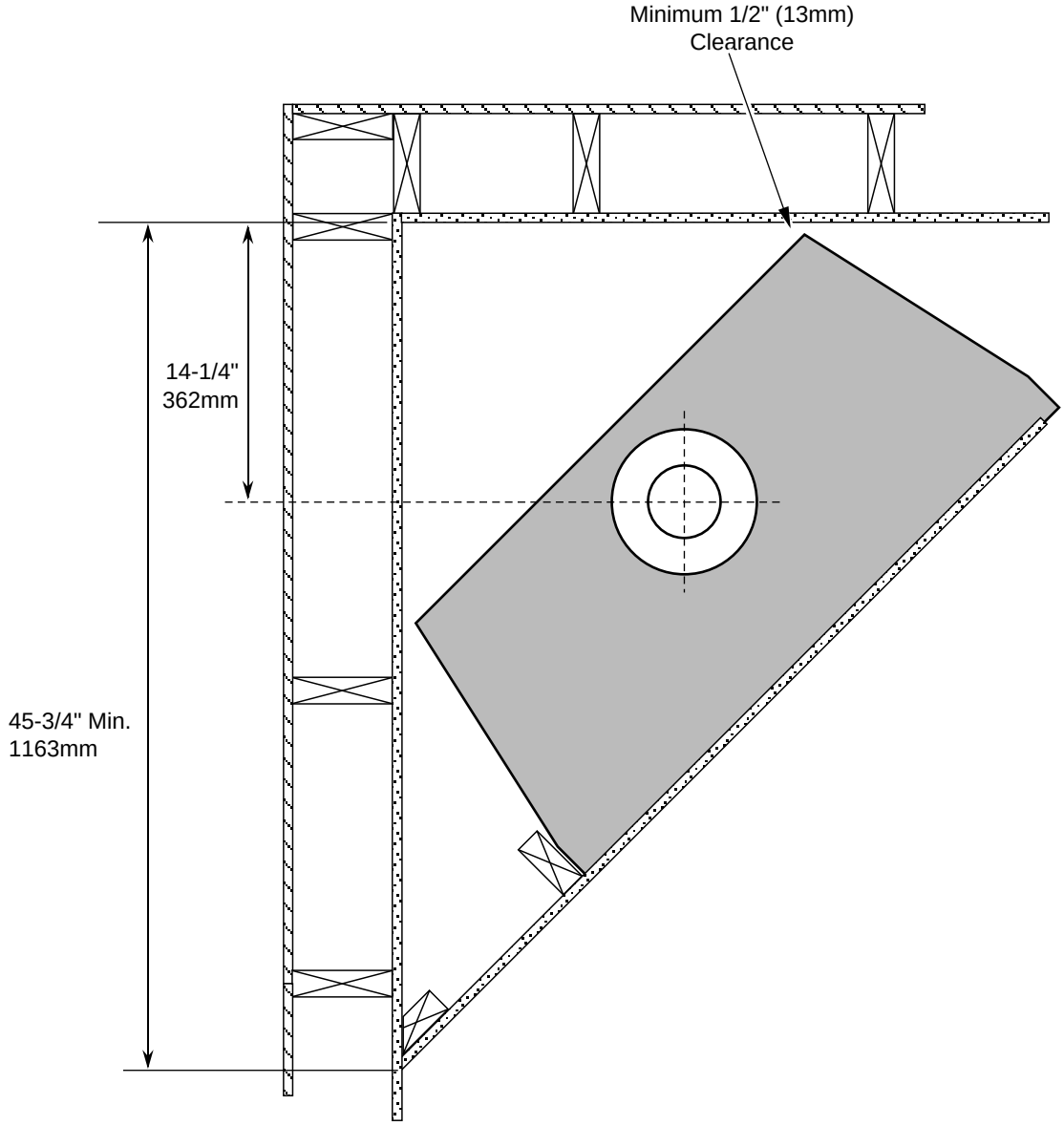
Corner Installations - Rear Vent Configuration

A typical 45° installation uses the framing dimensions shown in the illustration below (NOTE: all clearances still apply).



Corner Installations - Top Vent Configuration

A typical 45° installation uses the framing dimensions shown in the illustration below (NOTE: all clearances still apply).



Gas Line Requirements

MASSACHUSETTS INSTALLATIONS - WARNING:

THIS PRODUCT MUST BE INSTALLED BY A LICENSED PLUMBER OR GAS FITTER WHEN INSTALLED WITHIN THE COMMONWEALTH OF MASSACHUSETTS.

OTHER MASSACHUSETTS CODE REQUIREMENTS:

- Flexible connector must not be longer than 36 inches.
- Shutoff valve must be a “T” handle gas cock.
- Only direct vent sealed combustion products are approved for bedrooms or bathrooms.
- Fireplace dampers must be removed or welded in the open position prior to the installation of a fireplace insert or gas log.
- A carbon monoxide (CO) detector is required in the same room as the appliance.

- The gas line must be installed in accordance with all local codes, if any; if not, follow ANSI 223.1 and the requirements listed below.
- The fireplace and gas control valve must be disconnected from the gas supply piping during any pressure testing of that system at test pressures in excess of 1/2 psig. For pressures under 1/2 psig, isolate the gas supply piping by closing the manual shutoff valve.
- Leak test all gas line joints and the gas control valve prior to and after starting the fireplace.

Fuel

- This fireplace is designed either for natural gas or for propane (but not for both). Check the sticker on the top of the gas control valve to make sure the correct fuel is used.

Gas Line Connection

- Installation must be performed by a qualified installer, service agency or the gas supplier (In Massachusetts a licensed plumber/gasfitter).

Gas Inlet Pressure

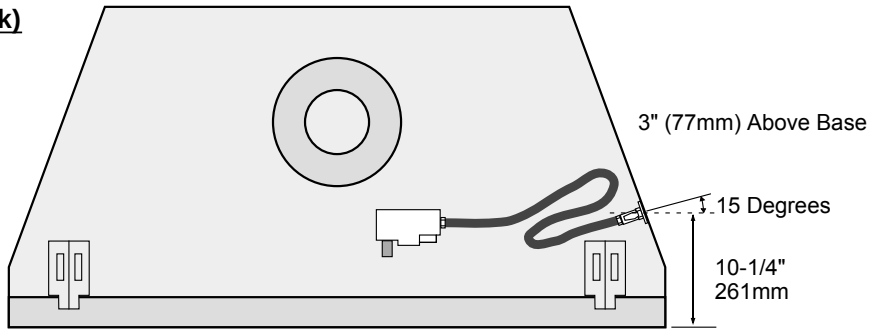
	Standard Input Pressure
Natural Gas	7" W.C. (1.74 kPA)
Propane	13" W.C. (2.73 kPA)

- If the pressure is not sufficient, make sure the piping used is large enough, the supply regulator is adequately adjusted, and the total gas load for the residence does not exceed the amount supplied.
- The supply regulator (the regulator that attaches directly to the residence inlet or to the propane tank) should supply gas at the suggested input pressure listed above. Contact the local gas supplier if the regulator is at an improper pressure.

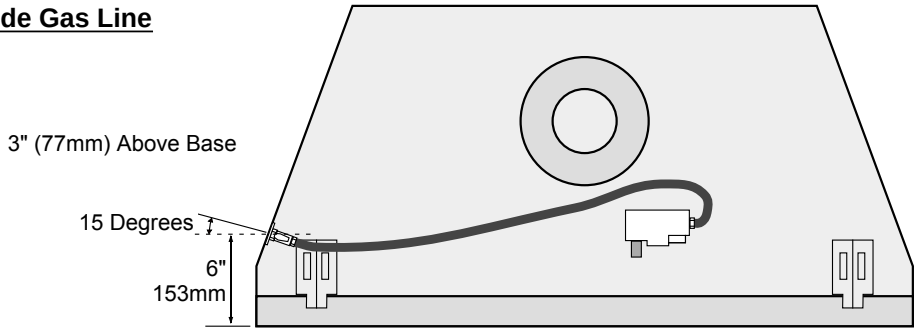
Gas Line Location

NOTE: The shutoff valve is attached to the side of the fireplace. If using rigid pipe, the shutoff valve may be removed from the cover plate and attached to the shutoff valve inside the fireplace.

Right Side Gas Line (Stock)



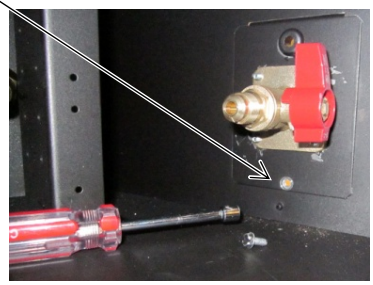
Left Side Gas Line



Converting Gas Line to the Left Side

1. Disconnect the gas line from the shutoff valve (3/4” wrench). Gas line is located inside the fireplace on the right side.

2. Remove the screw that holds the shutoff valve plate in place (1/4” nutdriver). Remove the shutoff valve plate.



3. Remove the cover plate from the left side of the fireplace (it is held in place in the same fashion as the shutoff valve plate). Attach it to the right side of the fireplace.
4. Attach the shutoff valve plate to the left side of the fireplace. Route the gas line to the left side and re-attach the gas line to the shutoff valve. Make sure to leak test the entire gas line.

Electrical Connection (required)

- The electrical line to the grounded receptacle inside the fireplace must be installed by a qualified installer and must meet all local codes.
- Make sure the household breaker is shut off prior to working on any electrical lines.
- The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.
- The electrical line must supply 240 Volts at 60 Hz (2 Amps).

Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

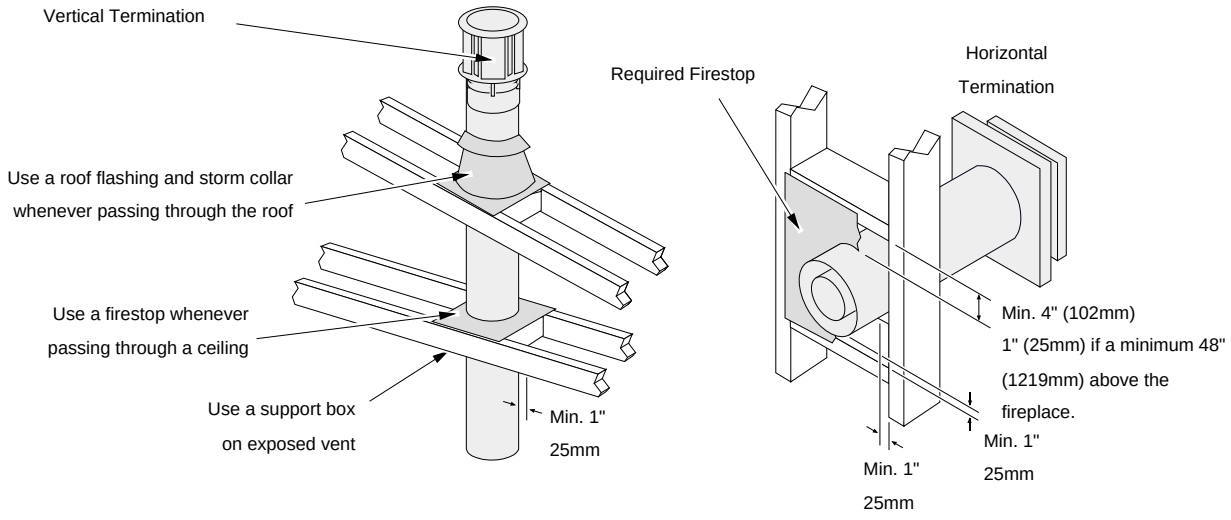
Vent Requirements

- The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance. Each direct vent gas appliance must use its own separate vent system.
- In addition to the requirements listed here, follow the requirements provided with the vent.
- A firestop is required whenever the vent penetrates a wall, floor, or ceiling (passes through framing members). Horizontal vent less than 48" (1219mm) above the fireplace must use the Travis Firestop (sku 250-00747 - it incorporates a 4" (102mm) clearance above, 1"(25mm)clearance below and to the sides of the vent). Other penetrations only require a 1" (25mm) clearance and may use a standard firestop (make sure the required 1" (25mm) clearance is met).
- Always use the high-wind termination (if available from the vent manufacturer).

Vent Clearances

- The vent must maintain the required clearance to combustible materials to prevent a fire. Do not fill air spaces with insulation.

	Before 48" (1219mm) Rise	After 48" (1219mm) Rise
Sides	1" (25mm)	1" (25mm)
Above	4" (102mm)	1" (25mm)
Below Horizontal or 45° Section	1" (25mm)	1" (25mm)


Vertical Termination
Use a roof flashing and storm collar whenever passing through the roof
Use a firestop whenever passing through a ceiling
Use a support box on exposed vent
Min. 1" 25mm
Required Firestop
Horizontal Termination
Min. 4" (102mm)
1" (25mm) if a minimum 48" (1219mm) above the fireplace.
Min. 1" 25mm
Min. 1" 25mm

Altitude Considerations

- This heater has been tested at altitudes ranging from sea level to 6,000 feet (1800M). In this testing we have found that the heater, with its standard orifice, burns correctly with just an air shutter adjustment.
- Failure to adjust the air shutter properly may lead to improper combustion which can create a safety hazard. Consult your dealer or installer if you suspect an improperly adjusted air shutter.

Approved Vent

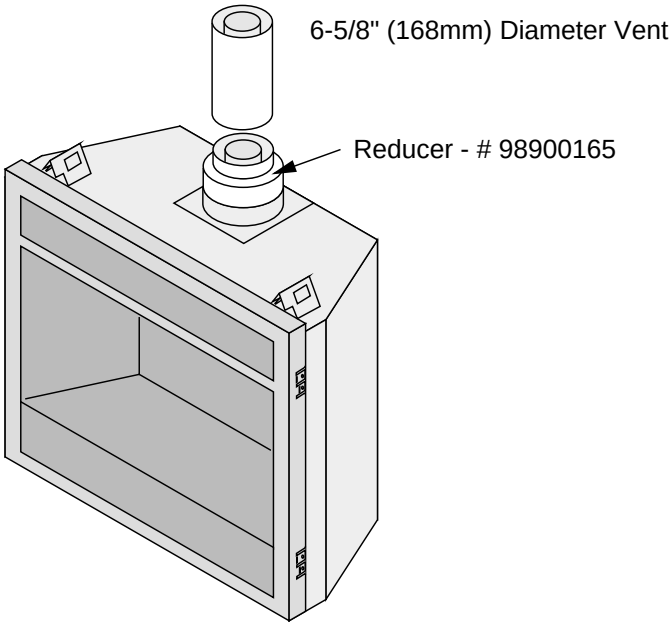
- Rear vent configurations use 8" (203mm) diameter Simpson Dura-Vent Model Direct-Vent Pro (or GS)*.

  * Other vent may be approved with this fireplace. Check with the vent manufacturer for details.

- Top vent configurations use 8" (203mm) or 6-5/8" (168mm) diameter Simpson Dura-Vent Direct-Vent Pro (or GS)*. If using 6-5/8" (168mm) diameter vent, attach the 8" (203mm) to 6-5/8" (168mm) reducer (Travis part # 98900165) to the fireplace.

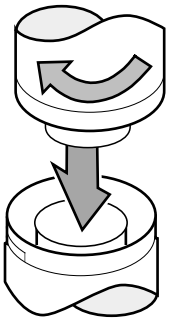
NOTE: When using 6-5/8" (168mm) diameter vent, make sure to accommodate the 4" (102mm) clearance above the vent for the first 48" (1219mm) of rise (see vent clearances on page 21). Standard firestops do not include this clearance.

- Always use the high-wind cap (or high-wind sconce cap, part # 58DVA-HSCH or 46DVA-HSCH).
- Installation instructions for Simpson Dura-Vent may be found at www.duravent.com



Vent Installation

- Slide the vent sections together and turn 1/4 turn until the sections lock in place.
- Screws are not required to secure the vent. However, three screws may be used to secure vent sections together if desired.
- High temperature sealant is recommended at the appliance starter section connection (use high-temperature silicone or Mill-Pac®).
- If disassembly is required, at time of re-assembly check to see if the vent creates a tight fit. If it does not, apply high temperature sealant to the joints of the affected sections.



- Horizontal sections require a 1/4" (6mm) rise every 12" (305mm) of travel
- Horizontal sections require non-combustible support every three feet (e.g.: plumbing tape)

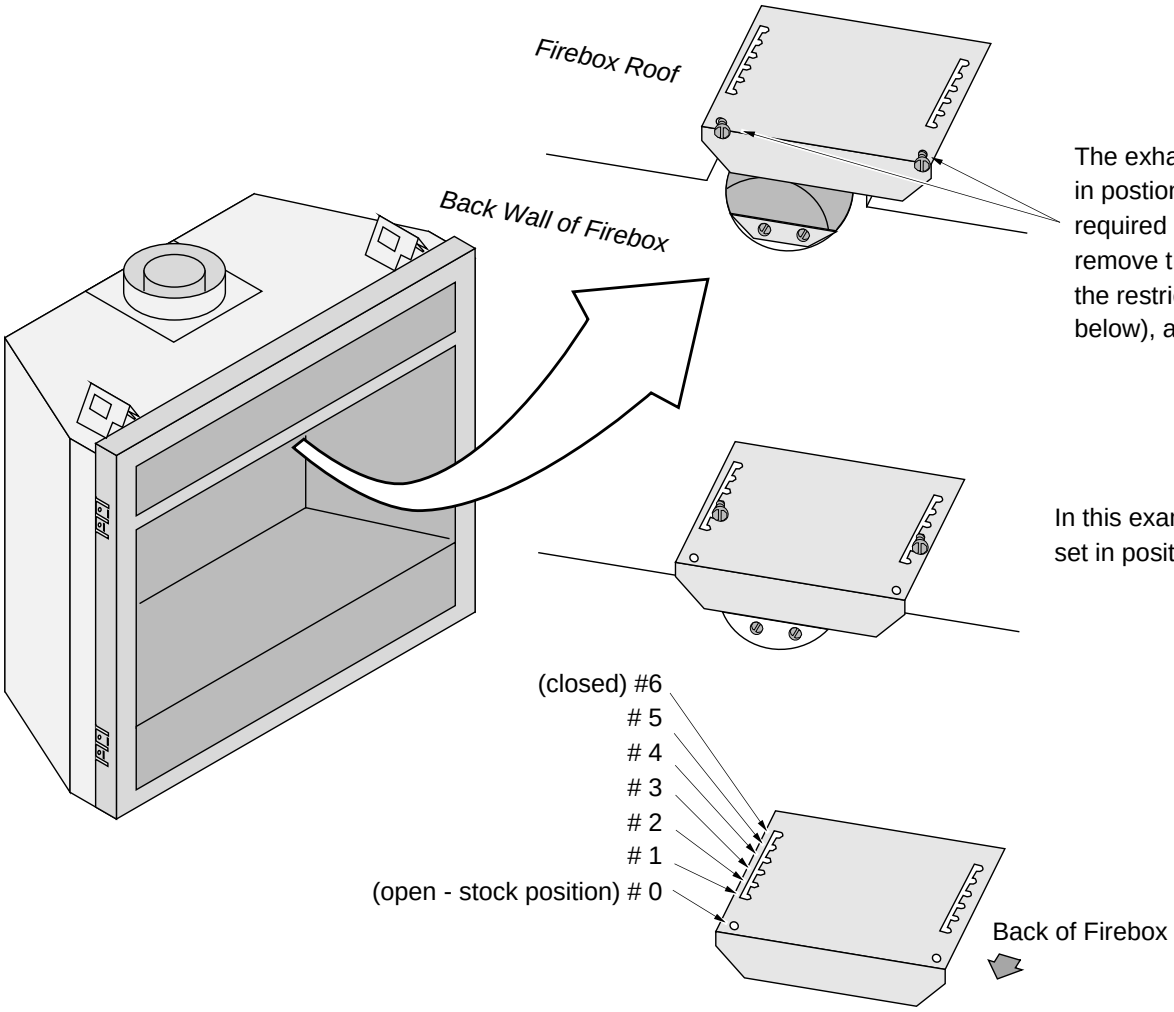
Approved Vent Configurations

Restrictor Position

- Intake and exhaust restrictors are built into the appliance to adjust the flow rate of intake air and exhaust gases. Depending upon the vent configuration, you may be required to adjust the restrictor positions. The charts for acceptable vent configurations detail the correct vent restrictor positions.

Exhaust Restrictor Adjustment

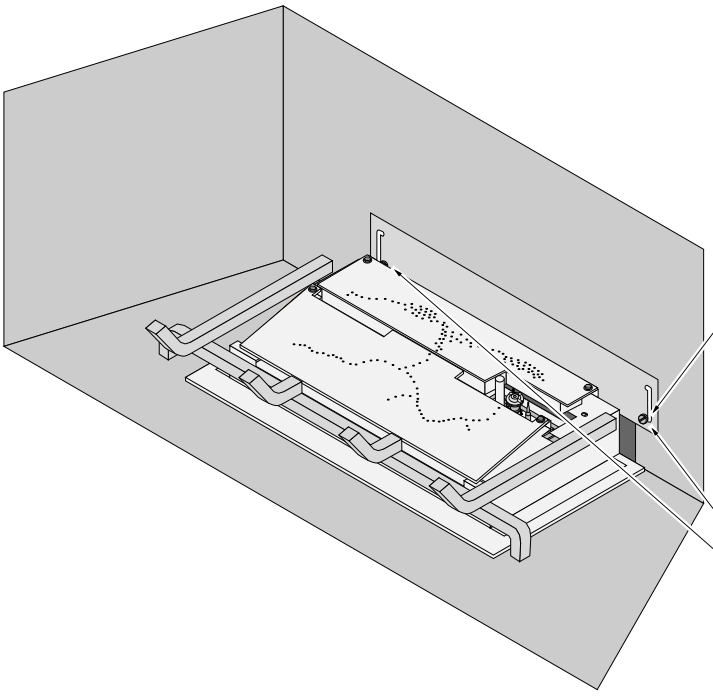
If the diffuser is required to be in position # 2, you may wish to adjust the diffuser while the exhaust restrictor is removed.



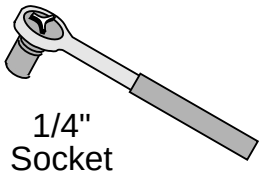
The exhaust restrictor is shipped in postion # 0. If the restritor is required in a different postion, remove the screws, re-position the restrictor (see the illustration below), and replace the screws.

In this example, the restrictor is set in position # 3.

Intake Restrictor Adjustment

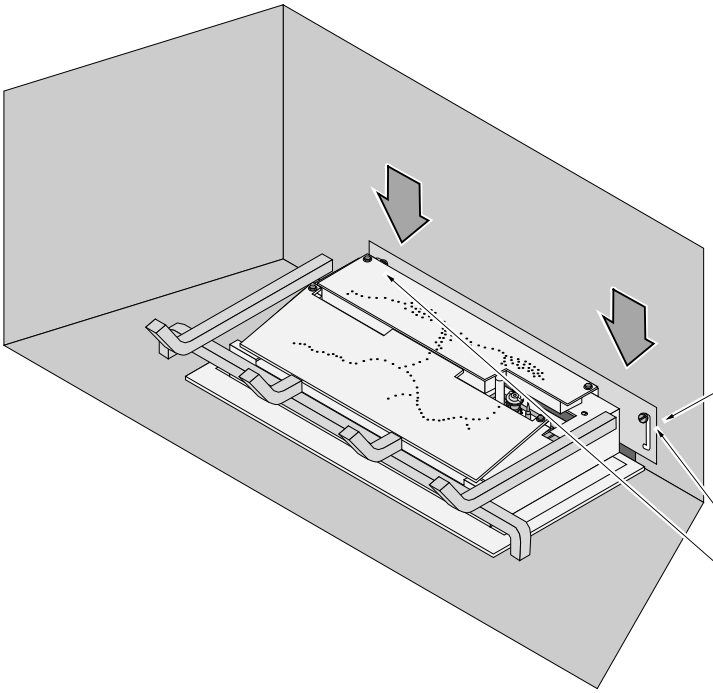


Position # 1 (open)



1/4"
Socket

Loosen the two screws holding the intake restrictor in place..

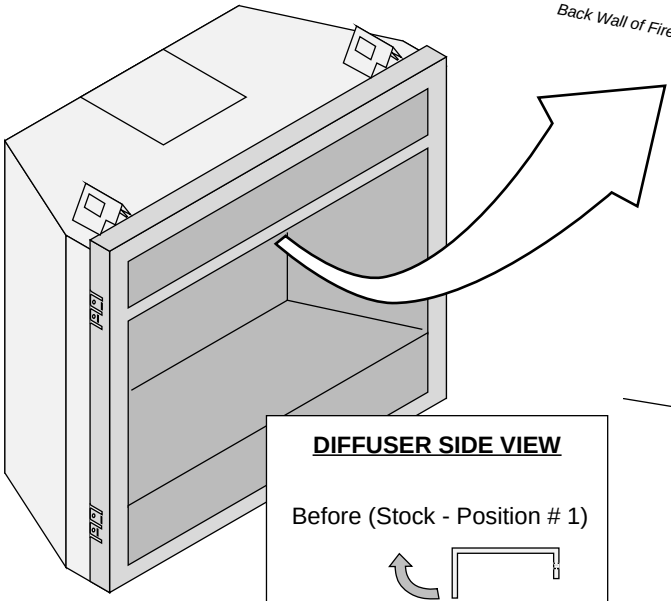


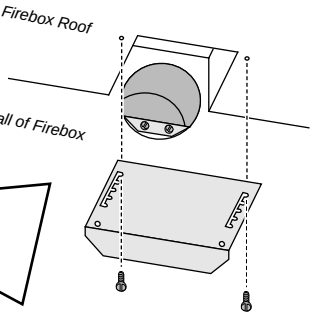
Position # 2 (closed)

Slide the restrictor down to the lower position and tighten the screws.

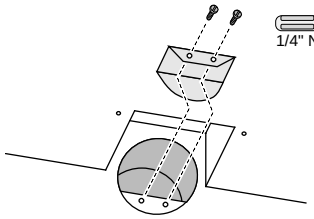
Diffuser Plate Adjustment

Certain vent configurations require the diffuser plate to be adjusted (refer to the approved vent configuration charts for details). Position # 1 is stock (bent). Position # 2 is flattened. See the directions below to change the diffuser to position #2.





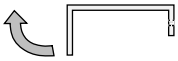
Remove the exhaust restrictor.



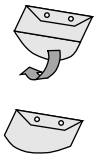
Remove the diffuser.

DIFFUSER SIDE VIEW

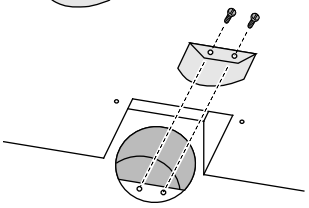
Before (Stock - Position # 1)



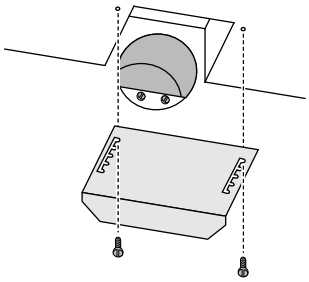
After (Position # 2)



Bend the round portion of the diffuser so it is flat (position # 2).



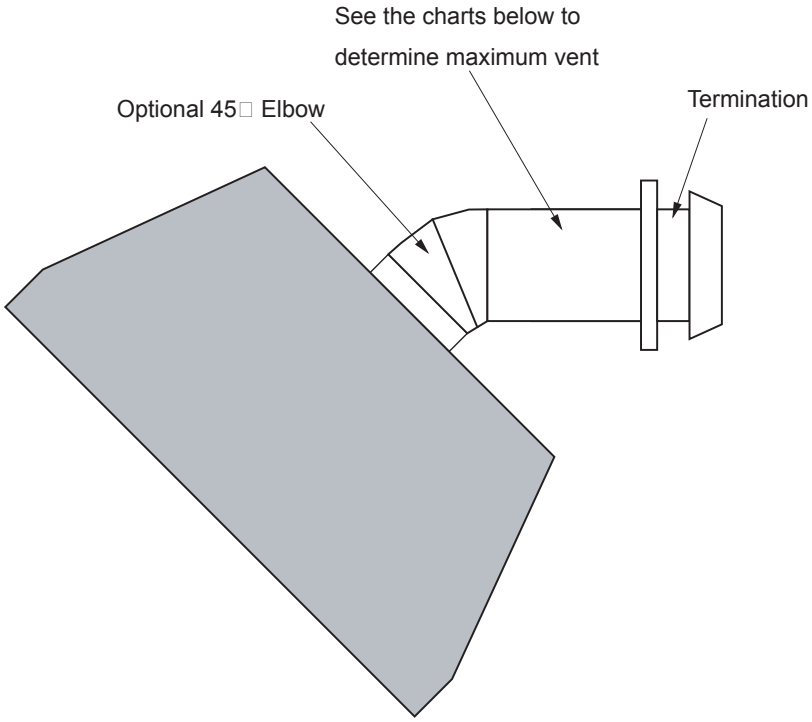
Secure the flattened diffuser plate with the screws removed earlier.



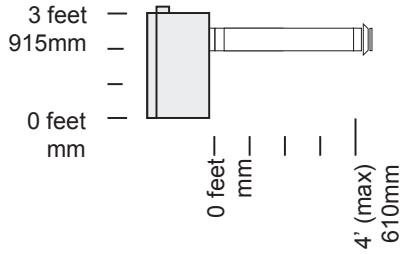
Replace the exhaust restrictor (see “Exhaust Restrictor Adjustment” for restrictor settings).

Rear Vent Configuration with Horizontal Termination (no vertical rise)

- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.



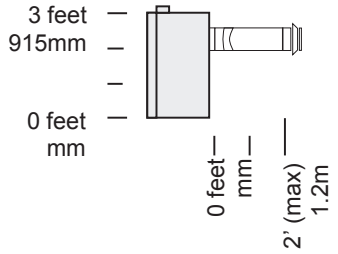
Vent with No 45□ Elbow



-Exhaust Restrictor:
Remove the exhaust restrictor and replace the screws.
-Intake Restrictor # 1 (stock)
-Diffuser Position # 1 (stock)

-Min. 4" (102mm) Horizontal Section
-Max.48" (1.2m) Horizontal Section(s)

Vent with 1 45□ Elbow

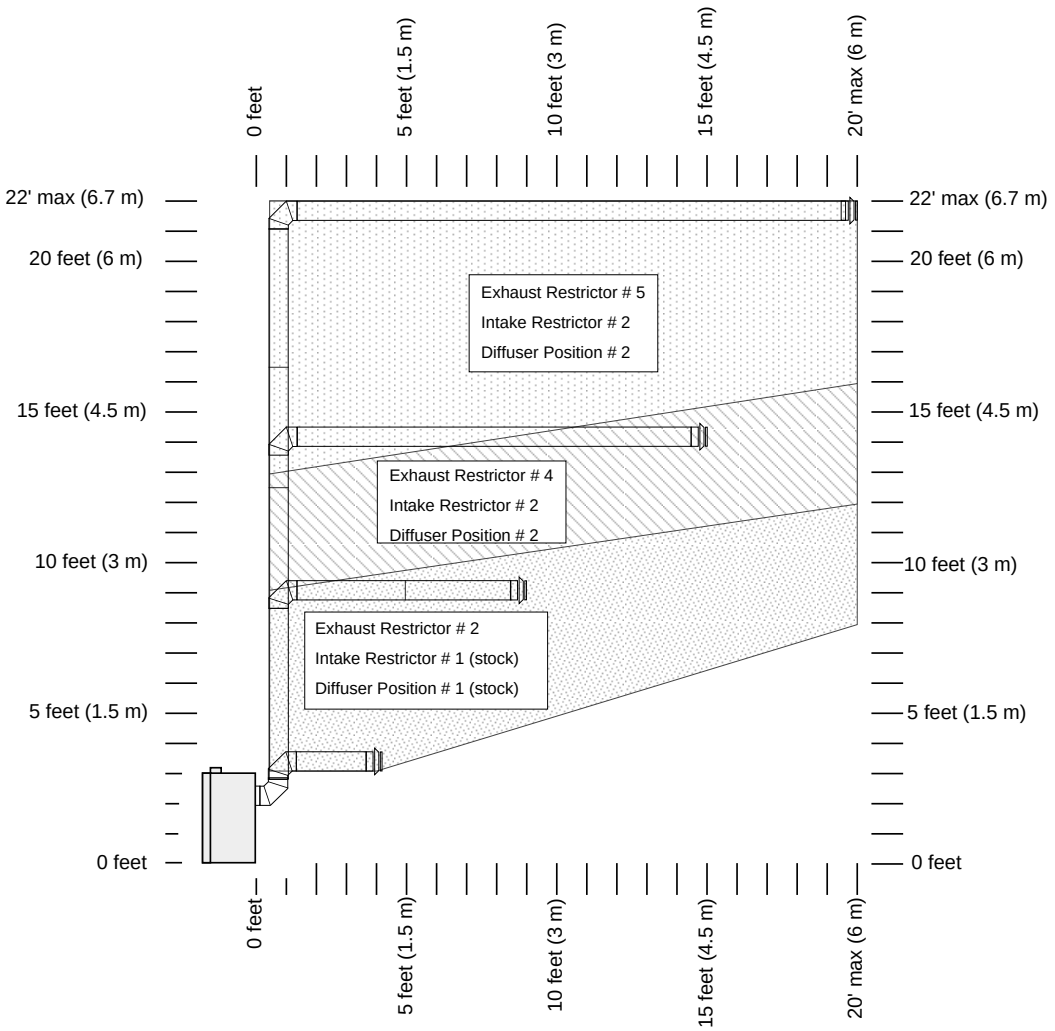


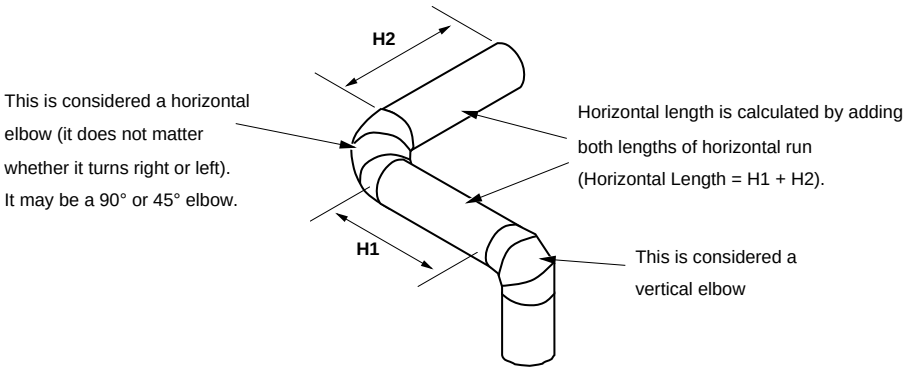
-Exhaust Restrictor:
Remove the exhaust restrictor and replace the screws.
-Intake Restrictor # 1 (stock)
-Diffuser Position # 1 (stock)

-Min. 4" (102mm) Horizontal Section
-Max. 24" (610mm) Horizontal Section(s)

Rear Vent Configuration with Horizontal Termination (with vertical rise)

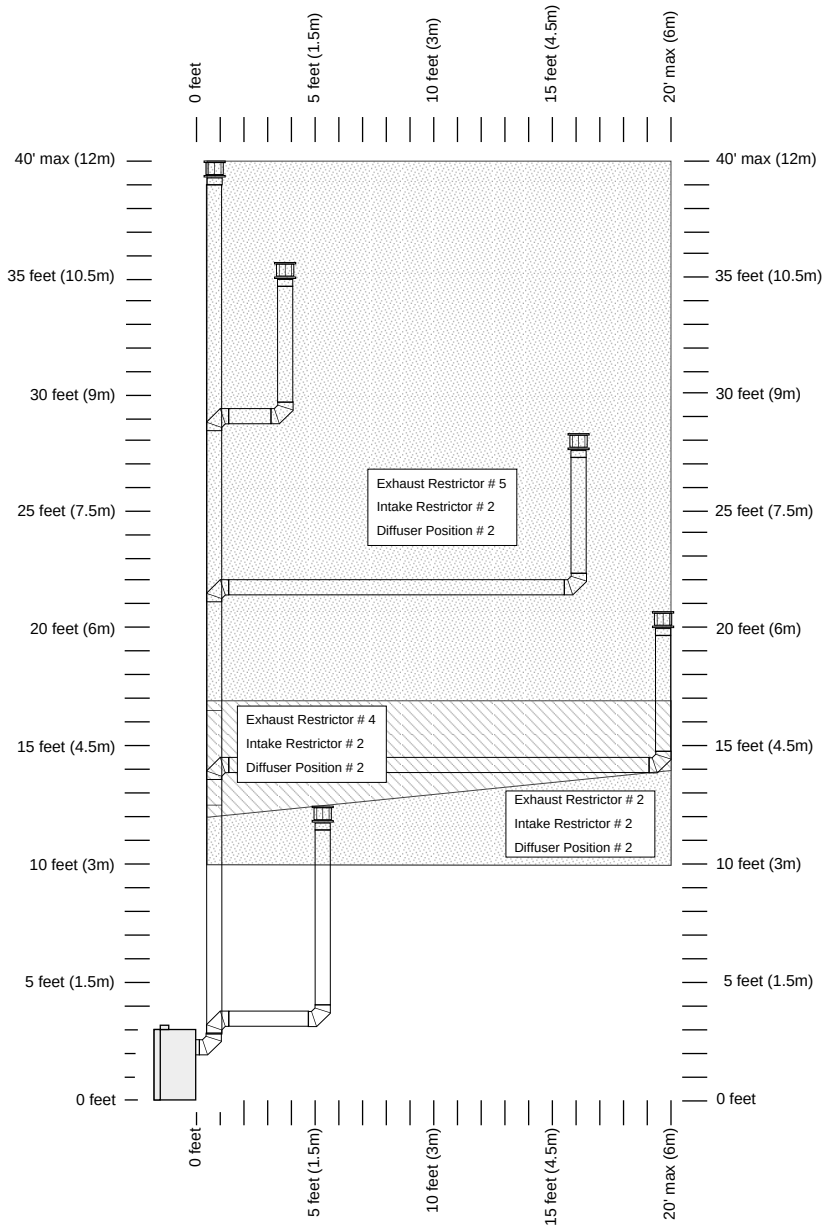
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.
- Up to four elbows (45° or 90°) may be used.
- Only one horizontal elbow may be used.

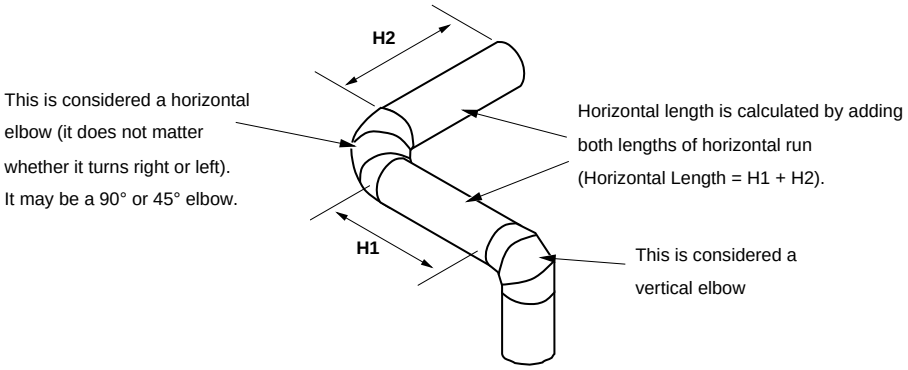



H2
H1
This is considered a horizontal elbow (it does not matter whether it turns right or left). It may be a 90° or 45° elbow.
Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).
This is considered a vertical elbow

Rear Vent Configuration with Vertical Termination

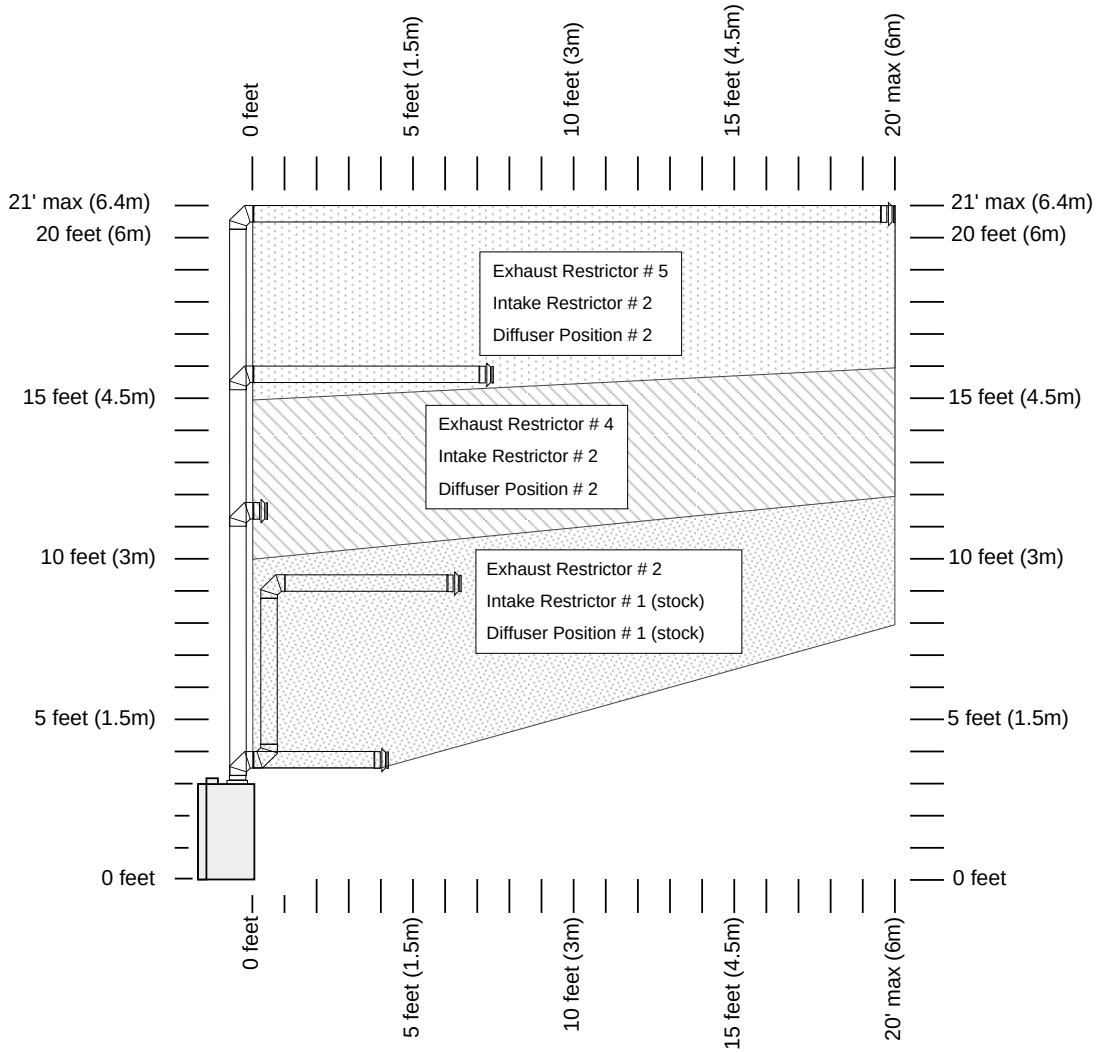
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.
- Up to four elbows (45° or 90°) may be used.
- Only one horizontal elbow may be used.

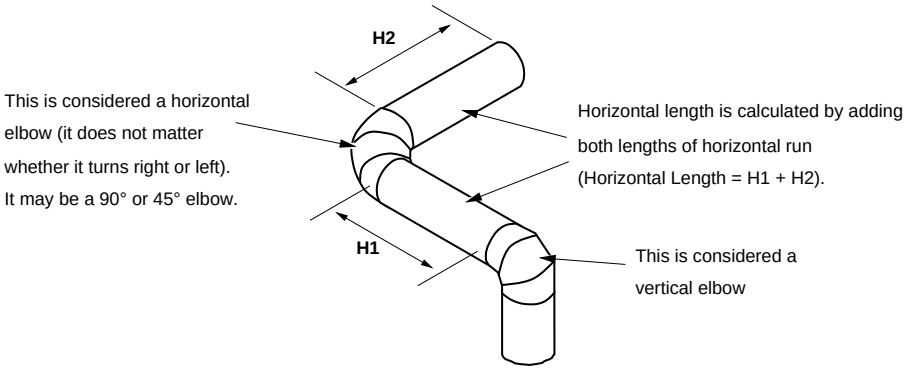



H2
H1
This is considered a horizontal elbow (it does not matter whether it turns right or left). It may be a 90° or 45° elbow.
Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).
This is considered a vertical elbow

Top Vent Configuration with Horizontal Termination

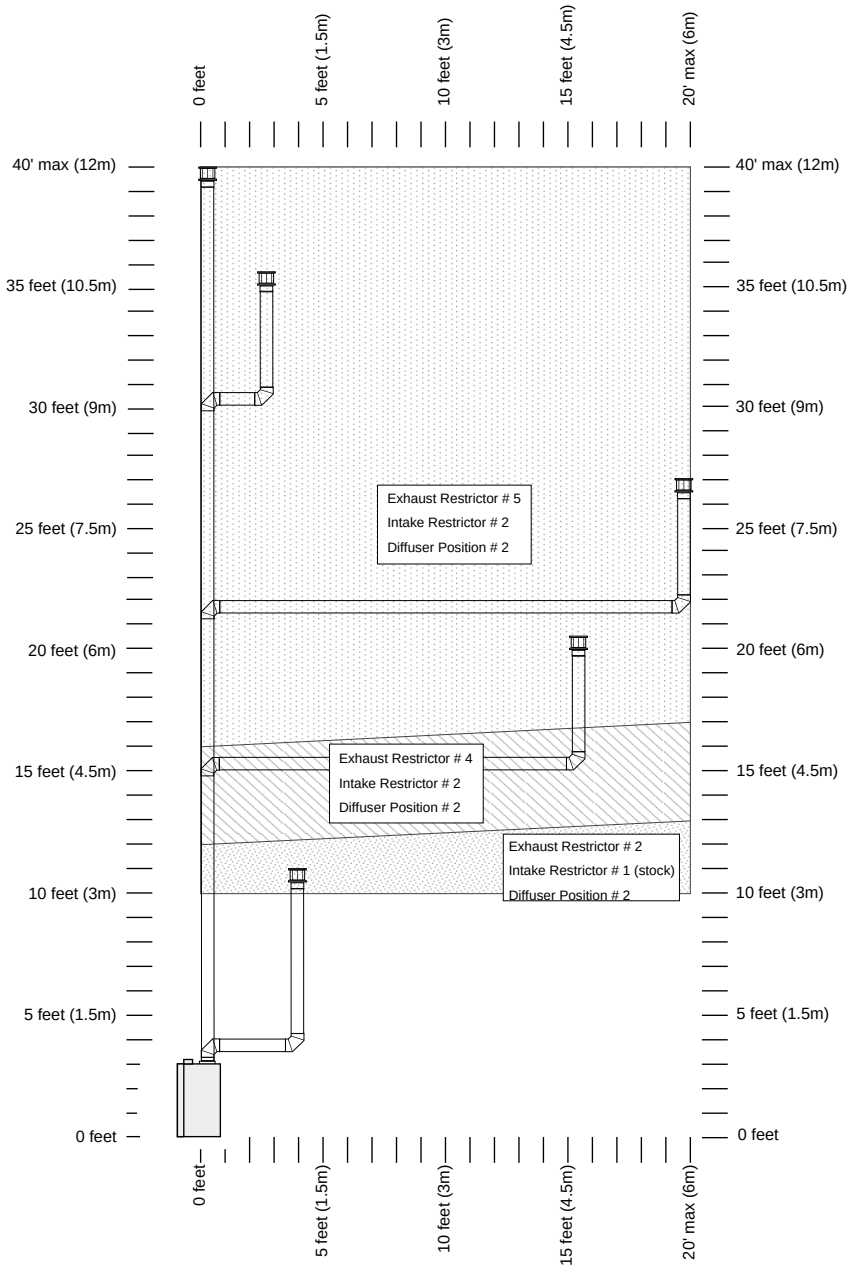
- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.
- Up to four elbows (45° or 90°) may be used.
- May use 8" (203mm) or 6-5/8" (168mm) diameter vent (see page for 21 details).
- Only one horizontal elbow may be used.

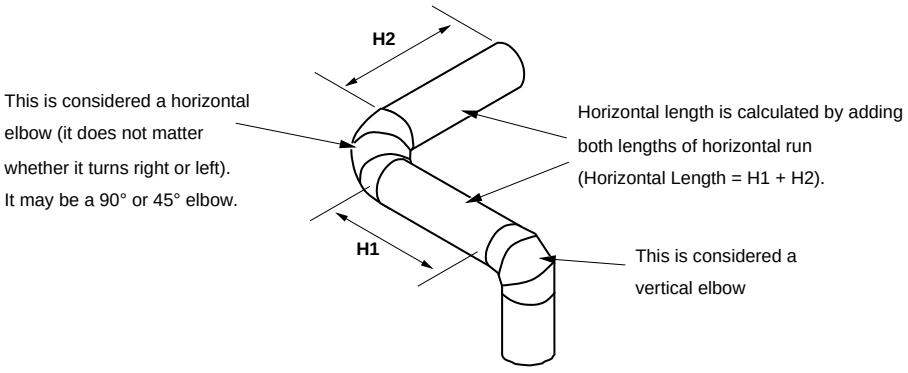



H2
H1
This is considered a horizontal elbow (it does not matter whether it turns right or left). It may be a 90° or 45° elbow.
Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).
This is considered a vertical elbow

Top Vent Configuration with Vertical Termination

- The termination must fall within the shaded area shown in the chart. Use the indicated restrictor and diffuser positions.
- Up to four elbows (45° or 90°) may be used.
- Only one horizontal elbow may be used.
- May use 8" (203mm) or 6-5/8" (168mm) diameter vent (see page for 21 details).

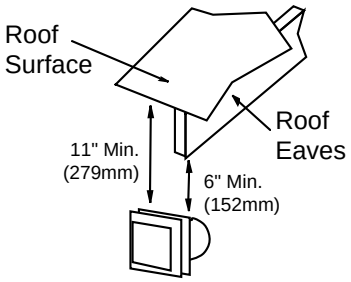



H2
H1
This is considered a horizontal elbow (it does not matter whether it turns right or left). It may be a 90° or 45° elbow.
Horizontal length is calculated by adding both lengths of horizontal run (Horizontal Length = H1 + H2).
This is considered a vertical elbow

Termination Requirements

Vent Terminations Must Comply with AS/NZS 5601.1

! Venting terminals shall not be recessed into a wall or siding.



A Minimum 9" (229mm) clearance from any door or window

B Minimum 12" (305mm) above any grade, veranda, porch, deck or balcony

C Minimum 1" (25mm) from outside corner walls
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

D Minimum 1" (25mm) from inside corner walls
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

E Minimum 11" (279mm) clearance below unventilated soffits or roof surfaces
Minimum 18" (457mm) clearance below ventilated soffits
Minimum 6" (152mm) clearance below roof eaves
NOTE: Vinyl surfaces require 24" (610mm)
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

F Minimum 12" (305mm) clearance below a veranda, porch, deck or balcony
NOTE: Permitted only if veranda, porch, deck, or balcony is fully open on a minumum of two sides beneath the floor.
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

G Minimum 48" (1219mm) clearance from any adjacent building

H Minimum 84" (2134mm) clearance above any grade when adjacent to public walkways or driveways
NOTE: may not be used over a walkway or driveway shared by an adjacent building

I Minimum 9" (229mm) clearance to any nonmechanical air supply inlet to the building or the combustion air inlet to any other appliance.

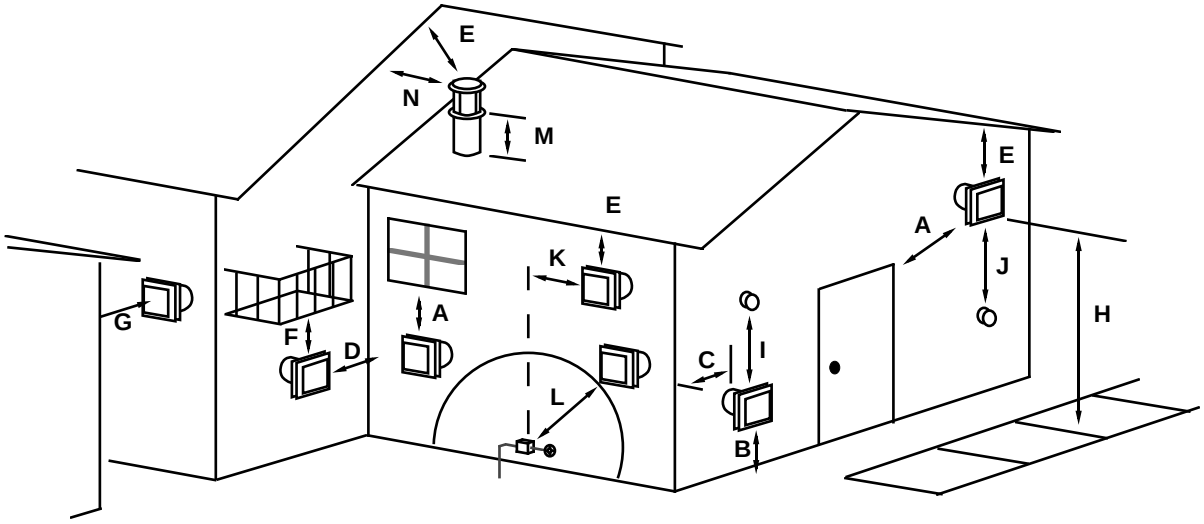
J Minimum 36" (914mm) clearance above any mechanical air supply inlet if within 10' (3M) horizontally

K Minimum 36" (914mm) from the area above the meter/regulator (vent outlet) - this extends 15' (4.5M) above the regulator
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

L Minimum 36" (914mm) from the meter/regulator (vent outlet)
NOTE: Clearance in accordance with local installation codes and the requirements of the gas supplier.

M Minimum 12" (305mm) above the roof line (for vertical terminations)

N Minimum 24" (610mm) horizontal clearance to any surface (such as an exterior wall) – for vertical terminations

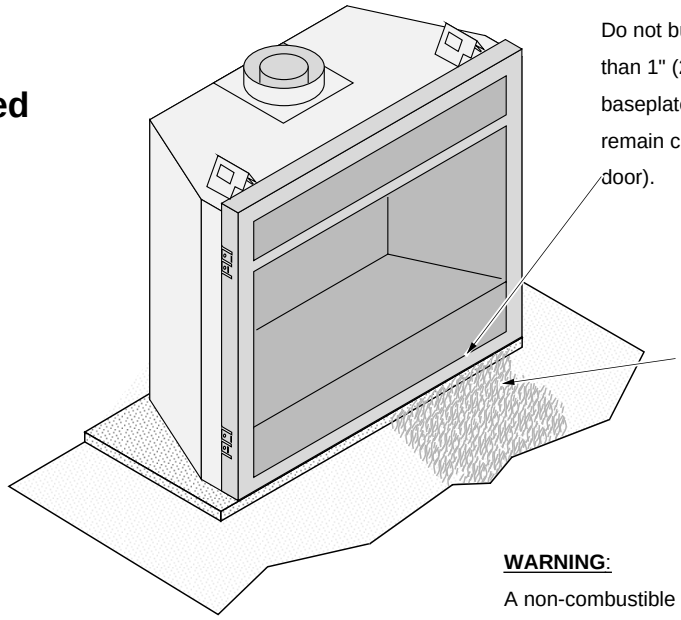


NOTE: Measure clearances to the nearest edge of the exhaust hood.

- Use the vinyl siding standoff when installing on an exterior with vinyl siding.
- Vent termination must not be located where it will become plugged by snow or other material

Hearth Requirements

Floor Mounted Fireplaces



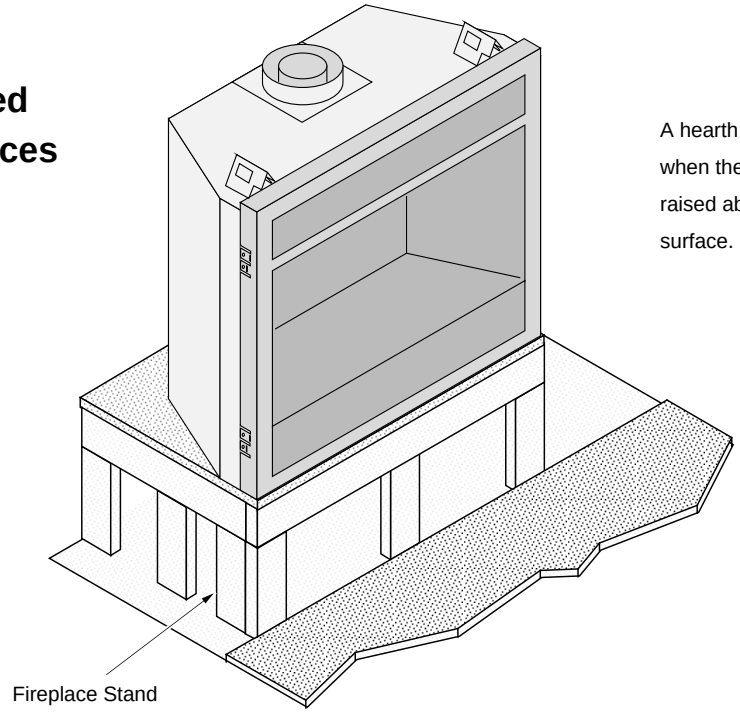
Do not build a hearth more than 1" (25mm) above the baseplate (this area must remain clear for the access door).

If installed near carpet or other combustible flooring, the fireplace must be raised so the base of the unit is above the carpet surface or flooring material.

WARNING:

A non-combustible hearth is not required. However, if the heater is installed next to the floor, we recommend a hearth to protect the flooring surface from discoloration or other negative impact from the heater.

Raised Fireplaces



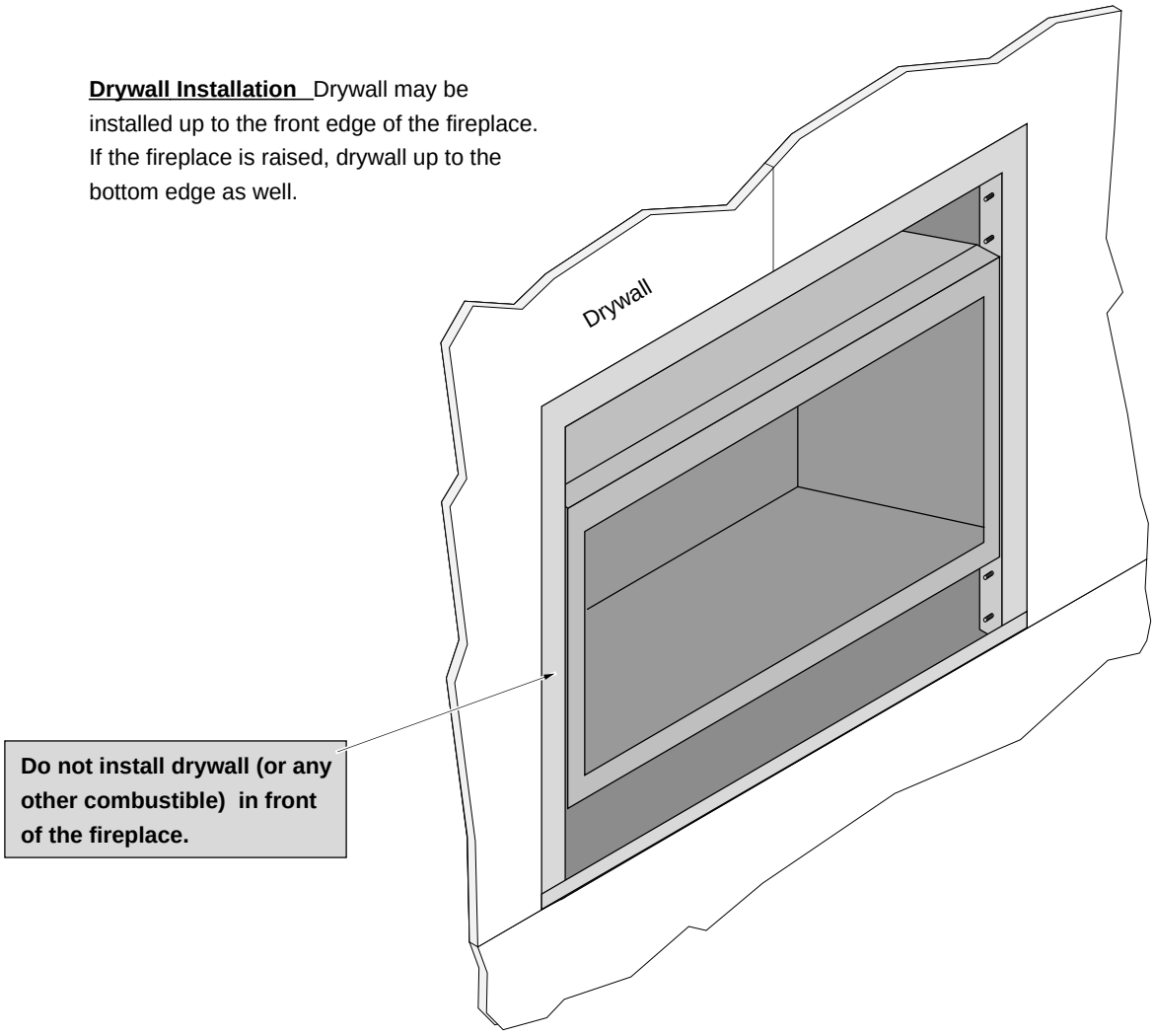
A hearth is not required when the fireplace is raised above the flooring surface.

Facing Requirements

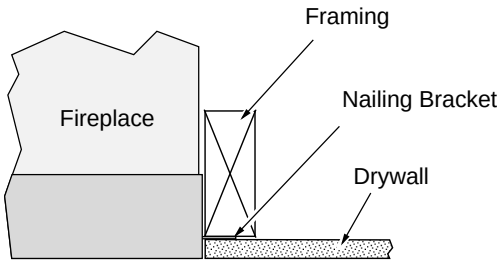
- This appliance is designed to allow for drywall (or other combustible facing) to contact the sides and top of the front of the fireplace.
- Tile or other non-combustible facing may be placed on the front of the fireplace (see "Facing Overview" on page 34 for further details).

Drywall Installation

Drywall Installation Drywall may be installed up to the front edge of the fireplace. If the fireplace is raised, drywall up to the bottom edge as well.



TOP VIEW



Facing Overview

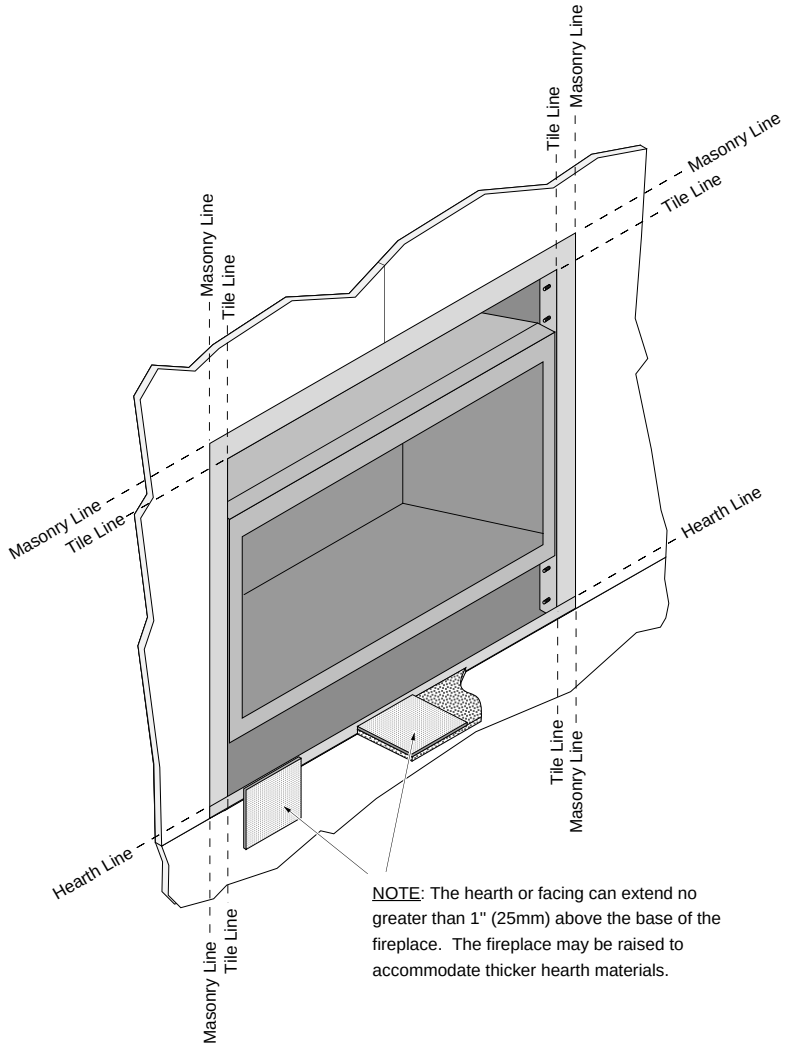
Upgrade faces are available for this fireplace and may influence facing installation. Consult with your Travis Dealer if you are using an upgrade face.

Optional non-combustible facing may be installed on the fireplace. Use the guidelines below to determine the location (also see the following pages for detailed diagrams.

Tile Line Any non-combustible facing under 1" (25mm) thick (see "Thin Facing" on page 35).

Masonry Line Any non-combustible over 1" (25mm) thick (see "Thick Facing" on page 37).

Hearth Line Non-combustible hearth/facing should be installed up to this location (1" (25mm) above the base of the fireplace). The fireplace may be raised to accommodate thicker hearth materials.

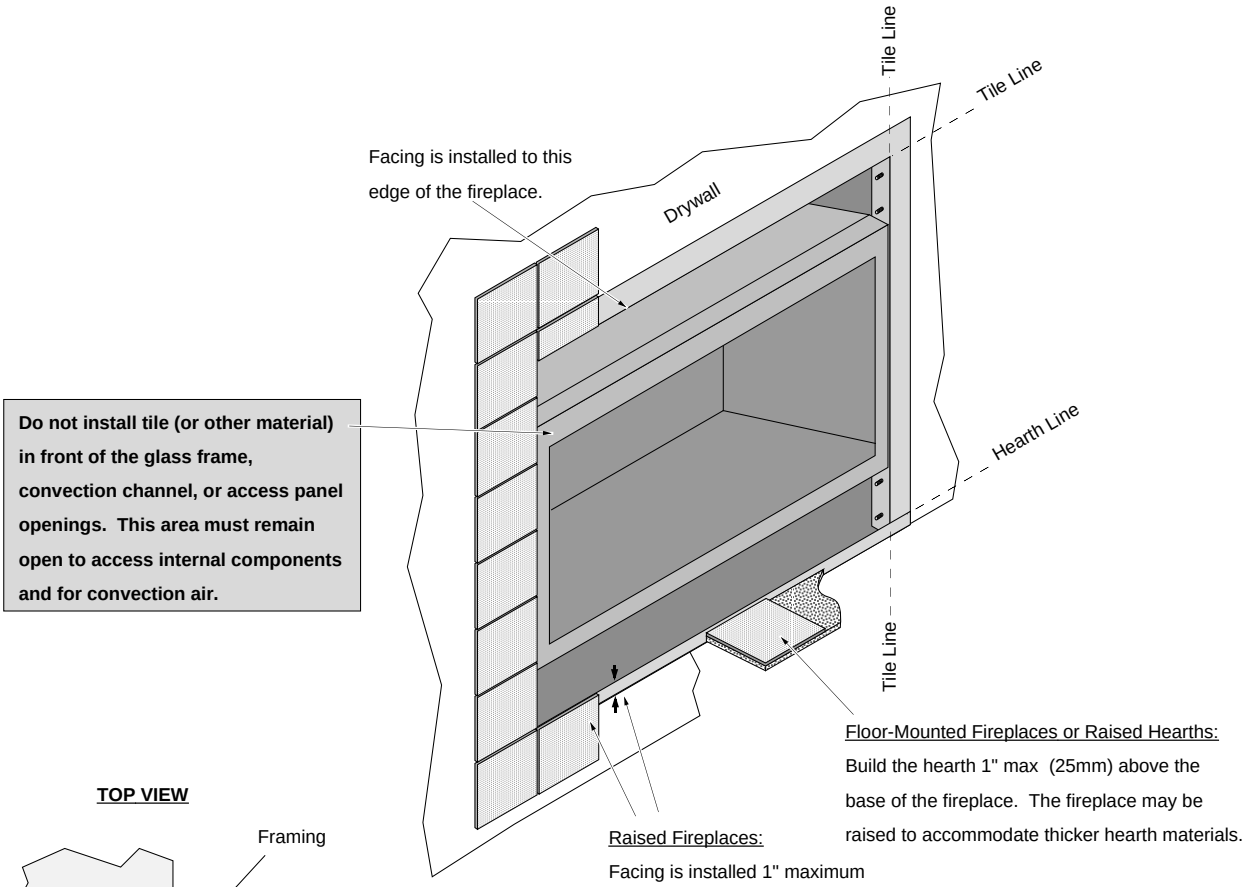


Optional Faceplates – Sizing Chart

Name	Height	Width	Notes
FPX Art., Clsc., Fr Ctry	29” (737mm)	36” (914mm)	61” Radius – May fit over top of tile facing
Wilmington	29” (737mm)	36” (914mm)	May fit over top of tile facing
Victorian Lace	27-1/2” (699mm)	32-3/8” (822mm)	Optional facing butts to edge of faceplate (tile line)
Bungalow, Tree of Life	27-1/2” (699mm)	32-3/8” (822mm)	Optional facing butts to edge of faceplate (tile line)

Thin Facing Installation (tile, marble, or other non-combustible under 1" (25mm) thick)

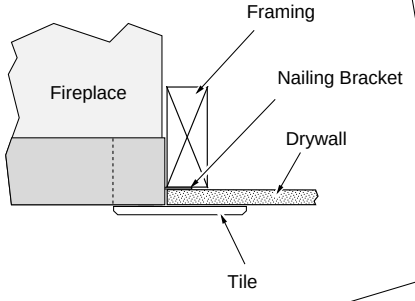
Upgrade faces are available for this fireplace and may influence facing installation. Consult with your Travis Dealer if you are using an upgrade face.


Tile Line
Tile Line
Facing is installed to this edge of the fireplace.
Drywall
Hearth Line
Tile Line
Do not install tile (or other material) in front of the glass frame, convection channel, or access panel openings. This area must remain open to access internal components and for convection air.

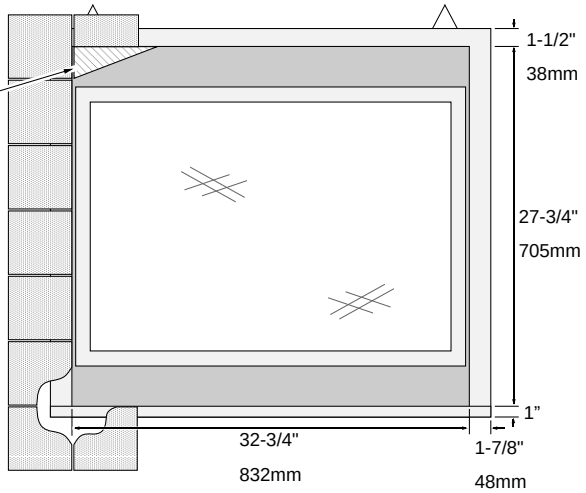
Floor-Mounted Fireplaces or Raised Hearths:
Build the hearth 1" max (25mm) above the base of the fireplace. The fireplace may be raised to accommodate thicker hearth materials.

Raised Fireplaces:
Facing is installed 1" maximum (25mm) above the base of the fireplace.

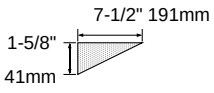
TOP VIEW



FRONT VIEW

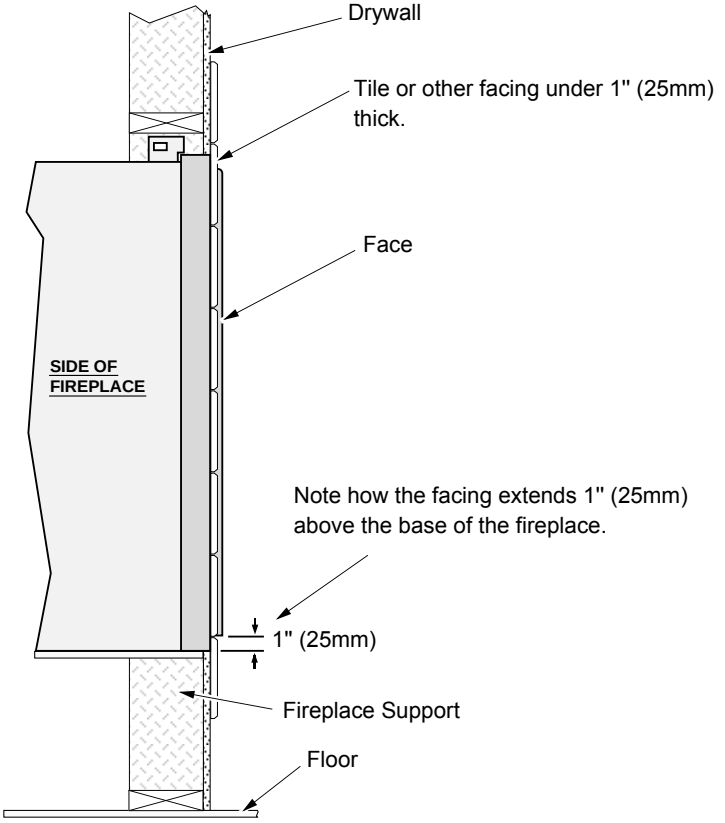


NOTE FOR FPX FACES:
FPX arched faces require the FPX Face Upgrade Kit (sku 98500683) and a triangular piece of facing in these upper corners. See the instructions included with the face for further details.

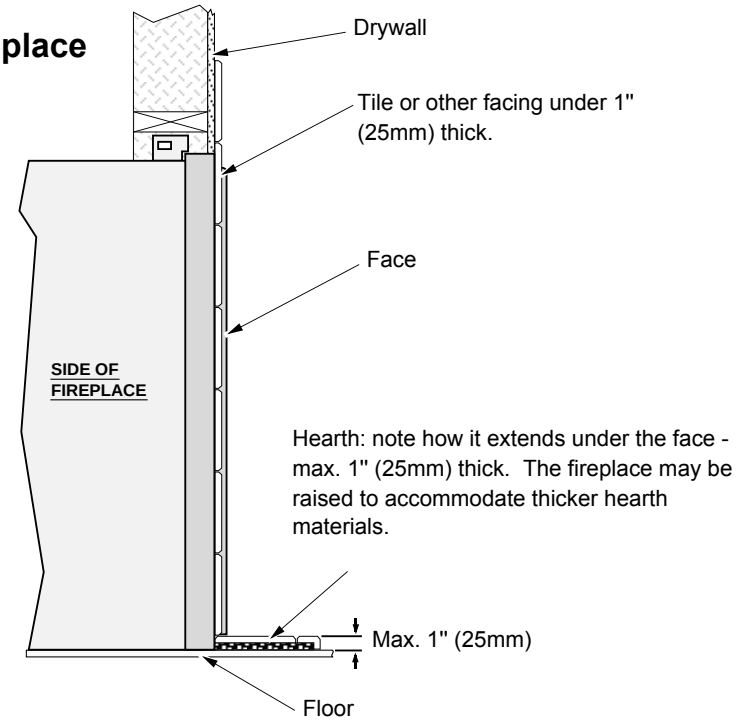


Thin Facing Installation (tile, marble, under 1" (25mm) thick) - Side View

Raised Fireplace (with no Hearth)

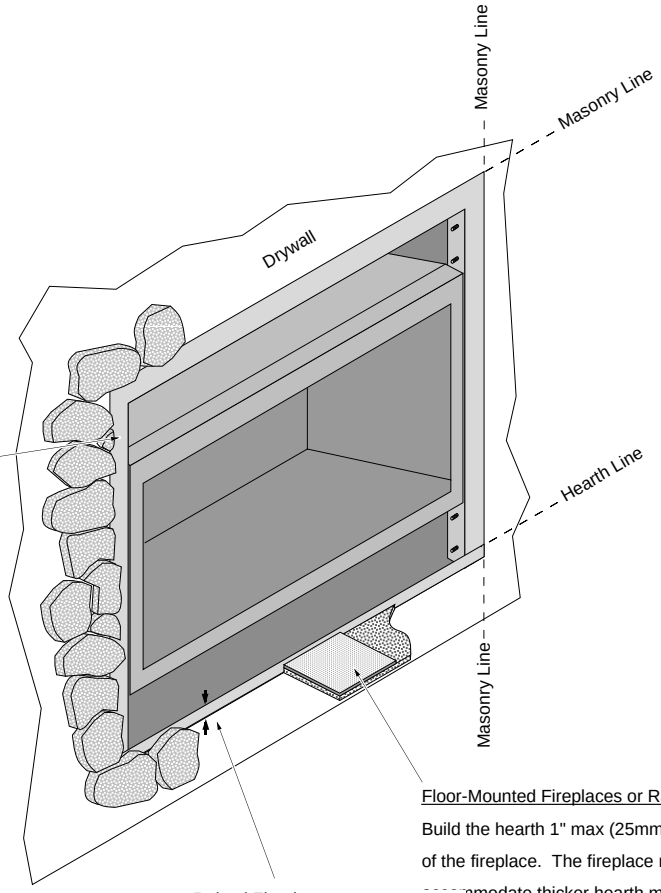


Floor-Mounted Fireplace (with Hearth)


Drywall
Tile or other facing under 1" (25mm) thick.
Face
SIDE OF FIREPLACE
Hearth: note how it extends under the face - max. 1" (25mm) thick. The fireplace may be raised to accommodate thicker hearth materials.
Max. 1" (25mm)
Floor

Thick Facing Installation (stone, brick, or other non-combustible over 1" (25mm) thick)

If using a Fireplace Xtrordinair (FPX) arched face, see "Thick Facing with a Fireplace Xtrordinair Arched Faces" on page 38.

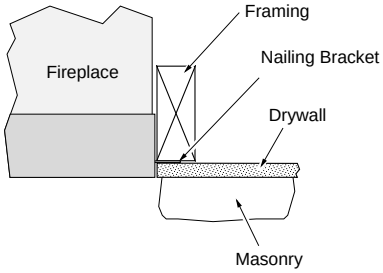


Do not install masonry (or other material) in front of the fireplace. This area must remain open to install the face.

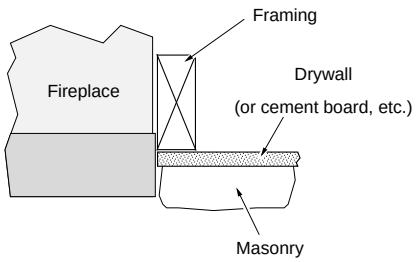
Floor-Mounted Fireplaces or Raised Hearths:
Build the hearth 1" max (25mm) above the base of the fireplace. The fireplace may be raised to accommodate thicker hearth materials.

Raised Fireplaces:
Masonry is installed 1" (25mm) (maximum) above the base of the fireplace.

TOP VIEW - Protruding Masonry

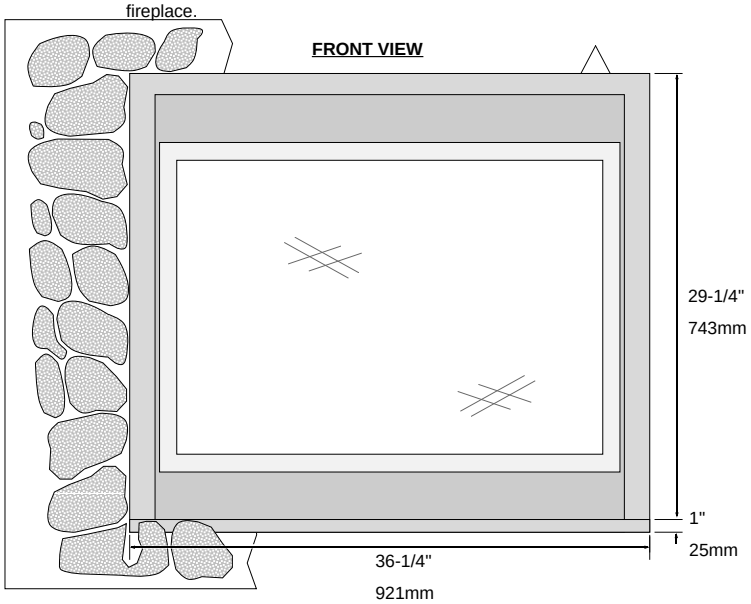


TOP VIEW - Recessed Masonry



NOTE: The nailing brackets are not used for this type of installation - secure the fireplace to the floor with the brackets along the base of the fireplace.

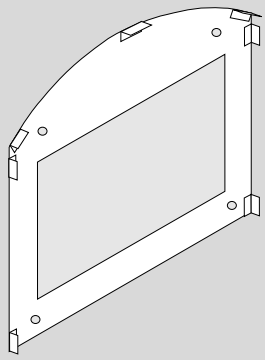
FRONT VIEW



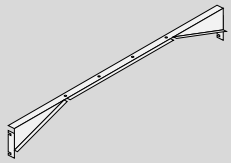
Thick Facing with Fireplace Xtrordinair (FPX) Arched Faces

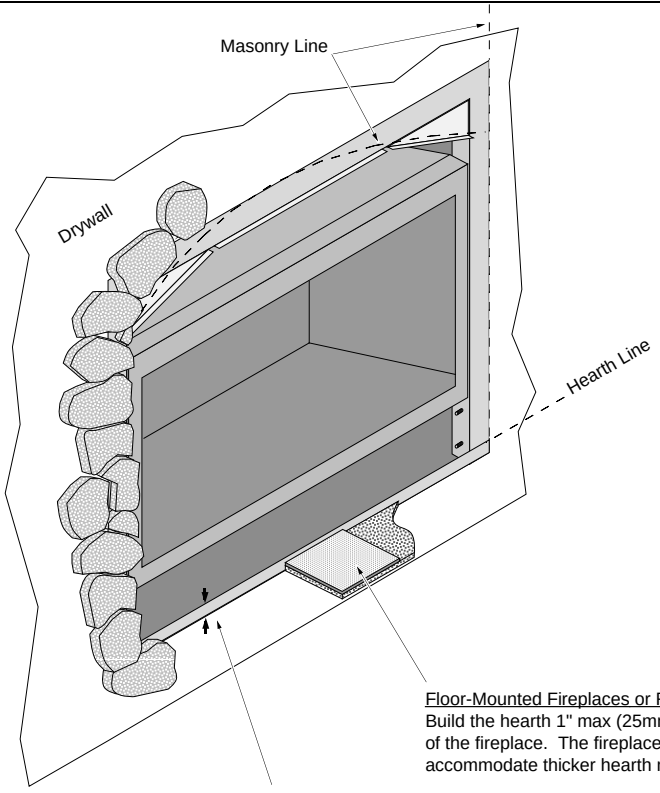
The following illustration shows facing considerations for those fireplaces utilizing FPX arched faces. The facing must be non-combustible and over 1" (25mm) in depth.

The Fireplace Xtrordinair 564 Masonry Template is recommended for masonry installation (sku 98500674). The template helps locate and support the masonry as it being installed.



Before installing masonry, install the FPX Face Upgrade Kit (98500683). This covers the upper corners.

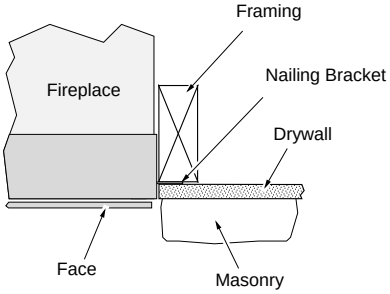




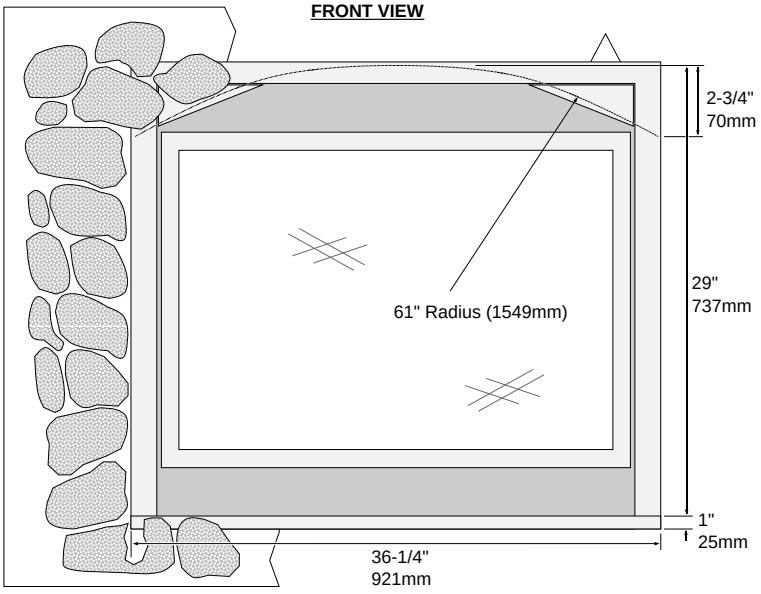
Floor-Mounted Fireplaces or Raised Hearths:
Build the hearth 1" max (25mm) above the base of the fireplace. The fireplace may be raised to accommodate thicker hearth materials.

Raised Fireplaces:
Masonry is installed 1" maximum (25mm) above the base of the fireplace.

TOP VIEW

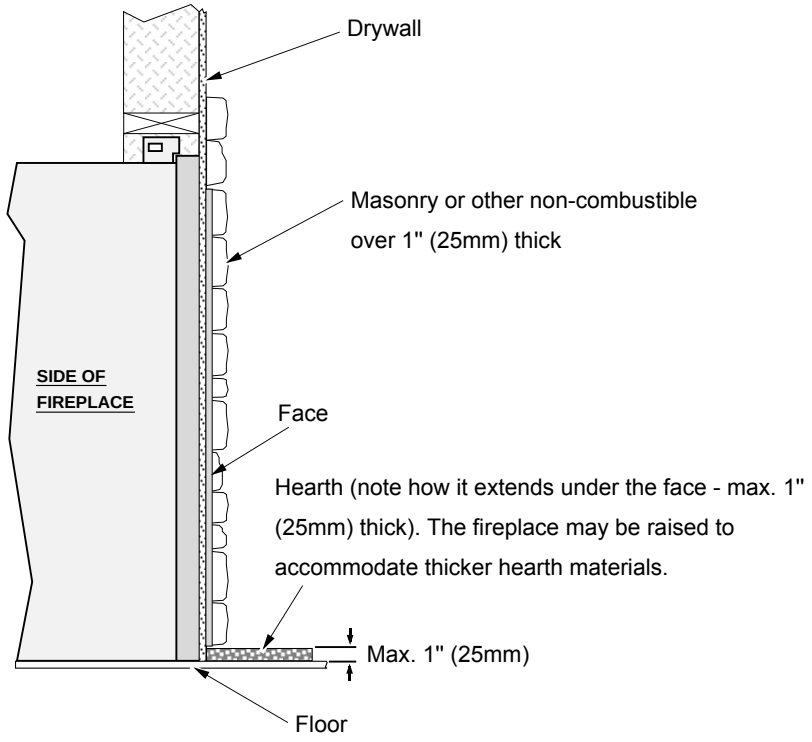


FRONT VIEW

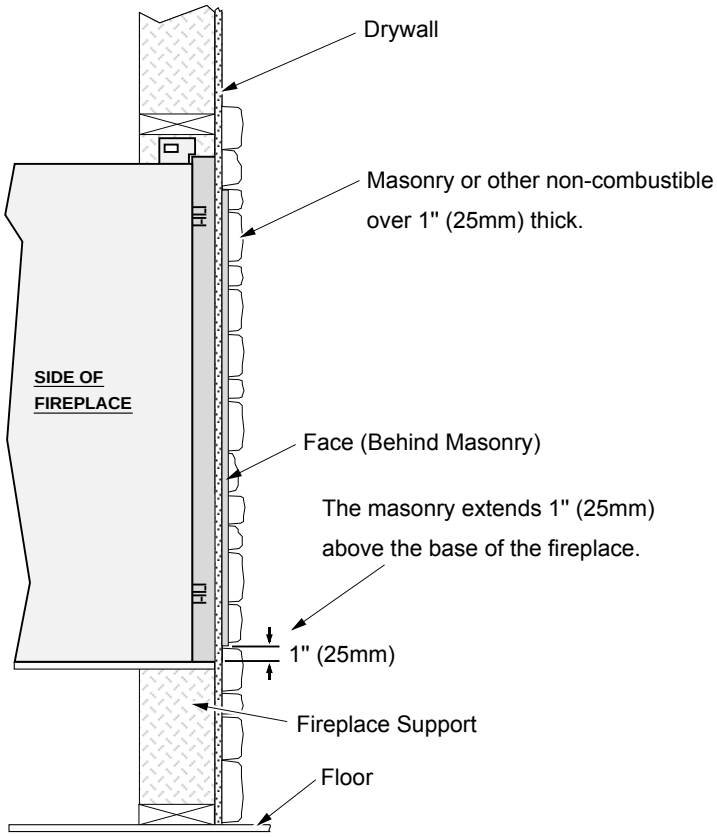


Thick Facing Installation - Side View

Floor-Mounted Fireplace (with Hearth)


Drywall
Masonry or other non-combustible over 1" (25mm) thick
SIDE OF FIREPLACE
Face
Hearth (note how it extends under the face - max. 1" (25mm) thick). The fireplace may be raised to accommodate thicker hearth materials.
Max. 1" (25mm)
Floor

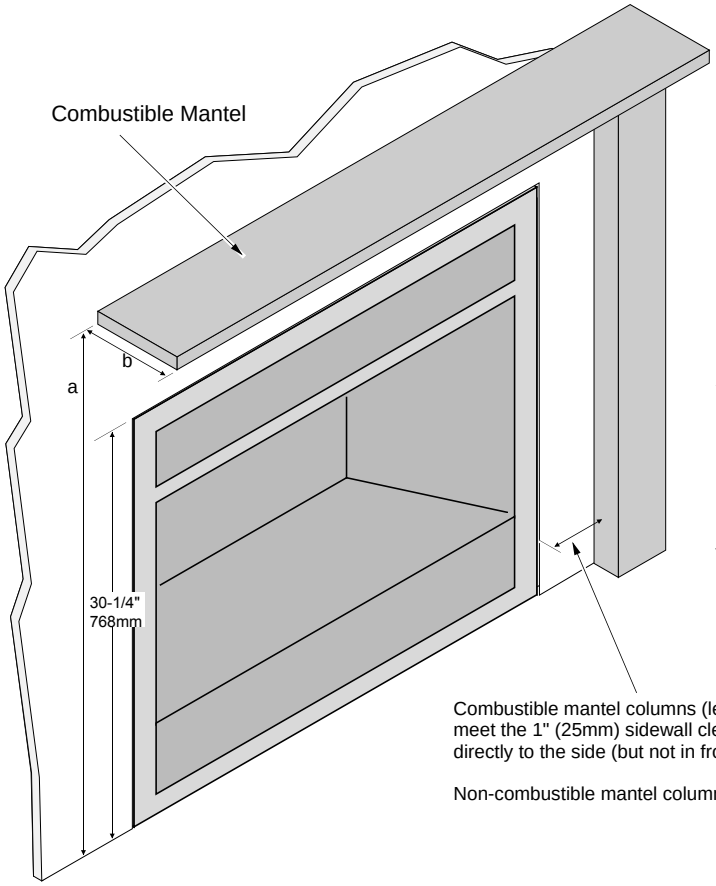
Raised Fireplace (with no Hearth)

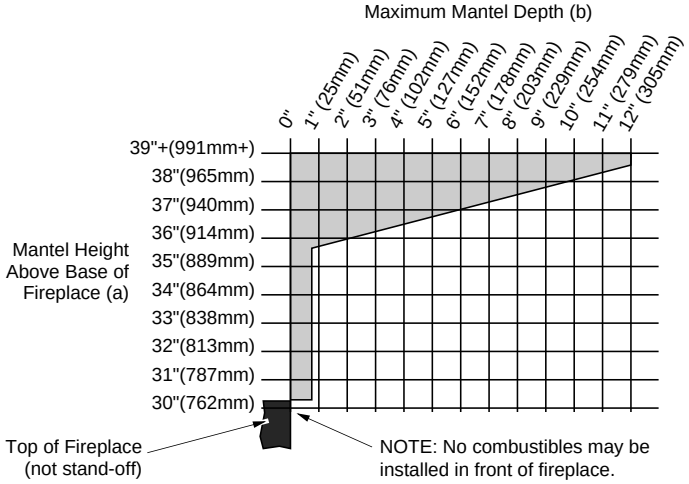


Mantel Requirements

Combustible Mantels

- Use the table below to determine the maximum mantel depth allowed. The mantel depth (measured from the face of the fireplace) must fall in the shaded portion of the table.
- Any material that protrudes more than 3/4" (19mm) from the non-combustible facing is considered a mantel and must meet the mantel requirements.





Combustible mantel columns (legs) that protrude more than 3/4" (0.75mm) from the glass frame must meet the 1" (25mm) sidewall clearance. If they protrude 3/4" (0.75mm) or less, they may be placed directly to the side (but not in front) of the fireplace.

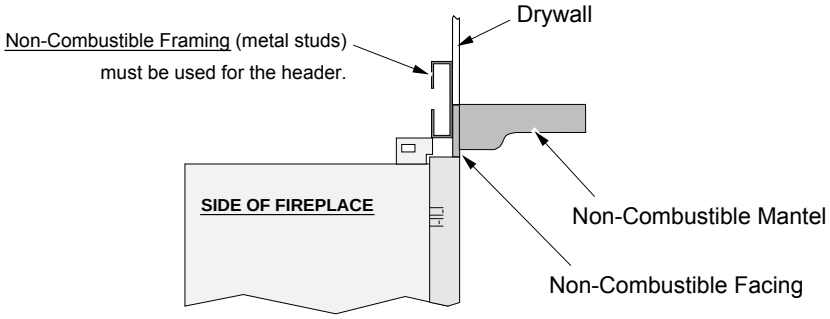
Non-combustible mantel columns do not have a minimum clearance.

Examples:
- If you wish to have a 6" (152mm) deep mantel, it must be at least 37" (940mm) above the base of the fireplace.
- If you wish to have a 2" (51mm) deep breastplate, it must be at least 36" (914mm) above the base of the fireplace.

Non-Combustible Mantels

Non-combustible mantels must meet the clearances listed for combustible mantels. However, if you do wish to reduce the clearances by using a non-combustible mantel, the following requirements must be met:

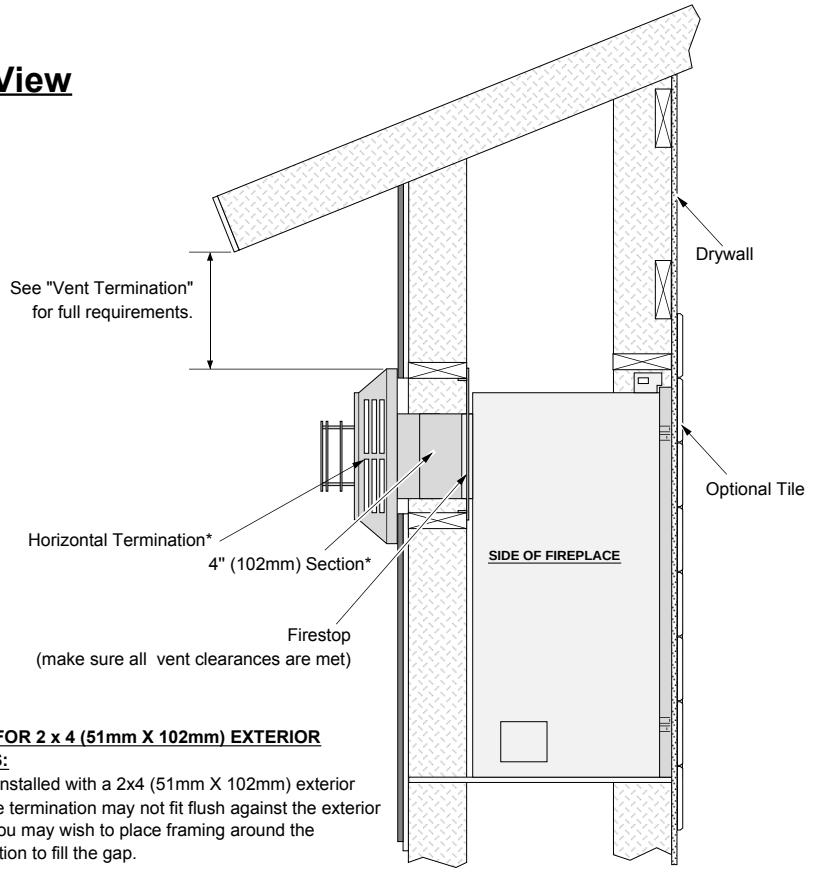
- Non-combustible mantel and facing must extend from the top of the appliance to the top surface of the mantel.
- A non-combustible header must be used (metal stud).



Installation Example - Build-Out (Dog-House) with Hor. Termination

- The framing, facing, and other building materials depicted below are for example only. Refer to local building codes for framing, facing, and insulating requirements in your area.

Side View



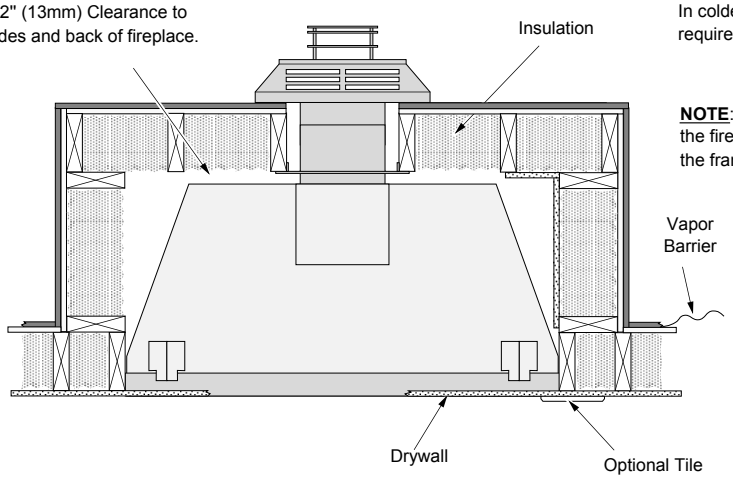
NOTE FOR 2 x 4 (51mm X 102mm) EXTERIOR WALLS:
When installed with a 2x4 (51mm X 102mm) exterior wall, the termination may not fit flush against the exterior wall. You may wish to place framing around the termination to fill the gap.

Top View

NOTE:
1/2" (13mm) Clearance to sides and back of fireplace.

NOTE:
In colder climates the fireplace may require an insulated enclosure.

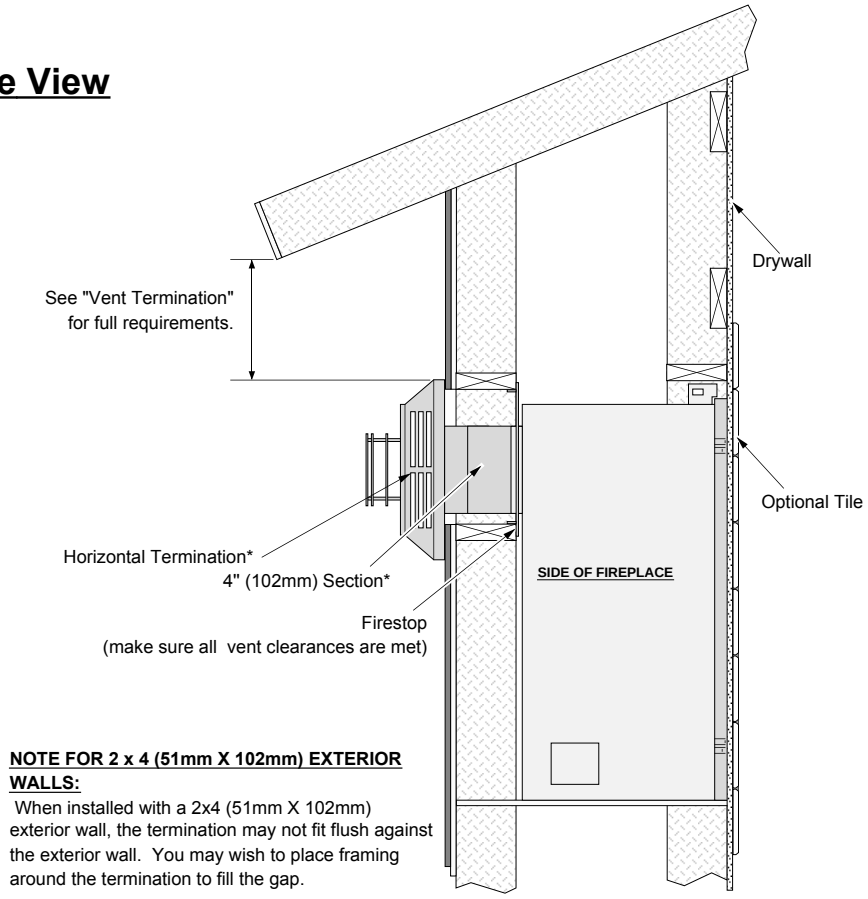
NOTE: If required to use drywall inside the firebox enclosure, make sure to alter the framing accordingly.



Installation Example - Build-In with Horizontal Termination

- The framing, facing, and other building materials depicted below are for example only. Refer to local building codes for framing, facing, and insulating requirements in your area.

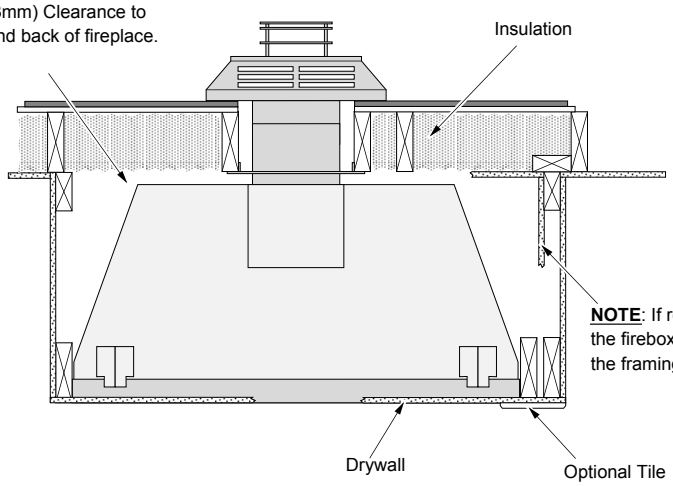
Side View



NOTE FOR 2 x 4 (51mm X 102mm) EXTERIOR WALLS:
When installed with a 2x4 (51mm X 102mm) exterior wall, the termination may not fit flush against the exterior wall. You may wish to place framing around the termination to fill the gap.

Top View

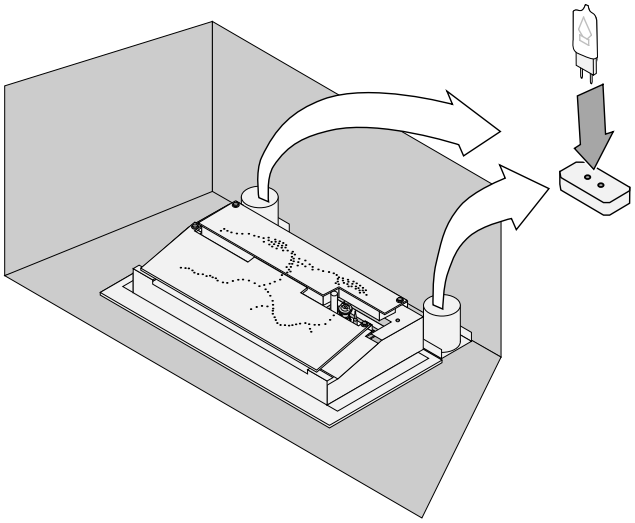
NOTE:
1/2" (13mm) Clearance to sides and back of fireplace.



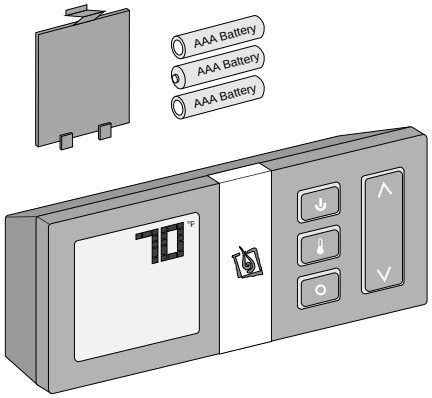
NOTE: If required to use drywall inside the firebox enclosure, make sure to alter the framing accordingly.

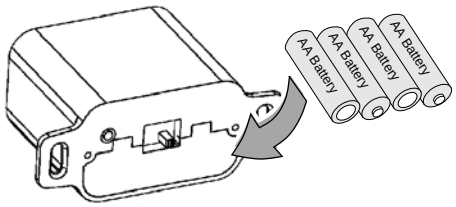
Steps for Finalizing the Installation

1. Remove the glass (see page 45).
   NOTE: If using propane (LP) convert the appliance prior to installing the logs.
2. We recommend you purge the gas line at this time (with the glass removed). This allows gas to be detected once it enters the firebox, ensuring gas does not build up.
3. Make sure the two accent light bulbs are in place.
   NOTE: .Take care to not touch the bulb with your fingers – use a cloth or paper towel).



4. Install the four AA batteries (see illustration below). The AA batteries act as a power backup in case the household (AC) power goes out and are required for operation. Install three AAA batteries into the remote (see illustration below). Synchronize the transmitter to the IFC.





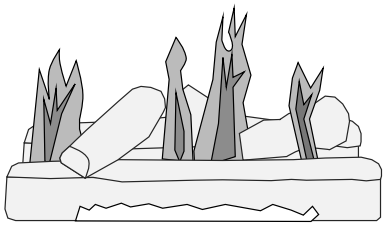
5. Install the logs (see page 48).
6. Replace the glass.
7. Start the heater.
8. Leak test all gas joints.

44 Finalizing the Installation (for qualified installers only)

9. Check the air shutter following the directions below.

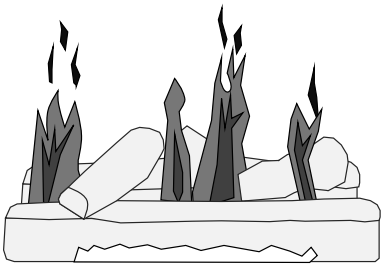
Air Shutter Adjustment

Let the heater burn for fifteen minutes (make sure the logs and glass are in place). The flames should be yellow with no sooting. Adjust the air shutter, if necessary, to achieve the correct looking flame.



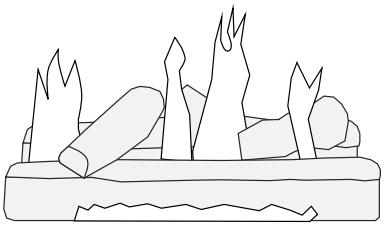
Correct

Flames should be blue at the base, yellow-orange on the top.



Not Enough Air

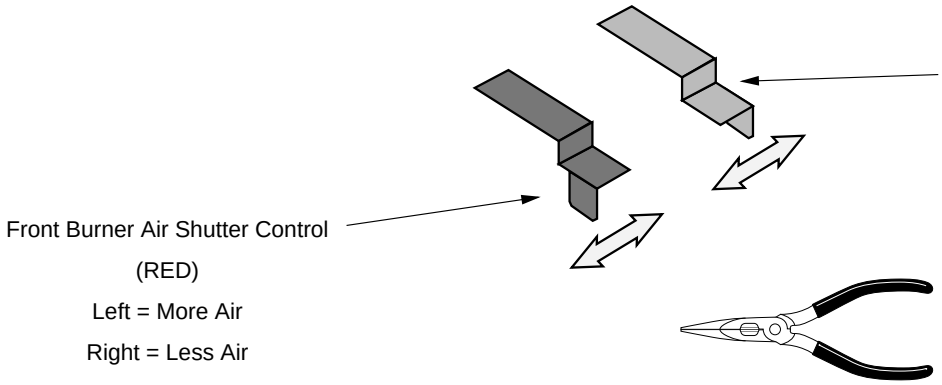
If the flames are too tall or sooty on the ends, open the air shutter.



Too Much Air

If the flames are all blue and short, close the air shutter.

Air Shutter Adjustment



NOTE: you may wish to use pliers to adjust the front air shutter. Typically, the front air shutter is fully closed on NG, fully open on LP.

10. Turn the flame adjust knob to its highest position - the flames should not contact the top of the firebox. Check the flame on low position. The flames should burn off of each burner hole. If the heater does not work correctly, contact your Travis dealer for a remedy.
11. Give this manual to the home owner for future reference and fully explain operation of this heater. For comprehensive operating and maintenance instructions, refer to the Owner's Manual (part # 100-01211).

ACID WASH WARNING: Before installing the faceplate, make sure any masonry that has been treated with acid wash has been properly neutralized (this is used primarily with brick faces). Acid wash (muriatic acid) is used to remove excess mortar. If not properly neutralized with an ammonia solution, the plated face may develop a permanent tarnish when the acid evaporates over time. Contact your dealer if uncertain your facing has been properly neutralized.

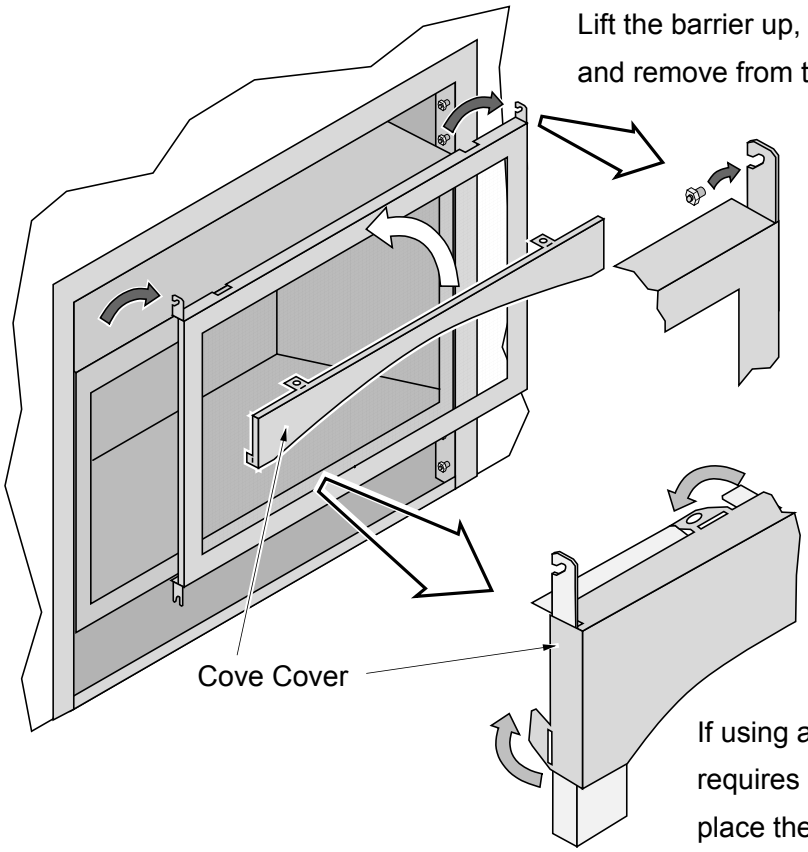
Barrier Removal

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.

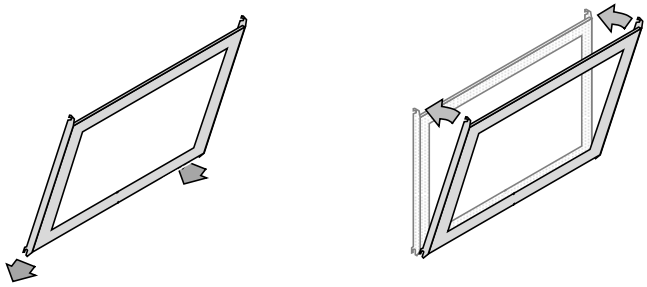
If using a face or grill that requires use of a cove cover, use the cove cover included with the fireplace (see below). Do not use the cover included with face or grill (if applicable).

Lift the barrier up, pivot the top forward, and remove from the fireplace.



If using a face or grill that requires use of a cove cover, place the cove cover in place and bend the tabs down to secure.

HINT FOR REPLACING THE BARRIER: Hold the barrier at an angle and insert the bottom slots first. Then pivot the barrier forward to engage the top hooks.



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Glass Frame Removal and Installation

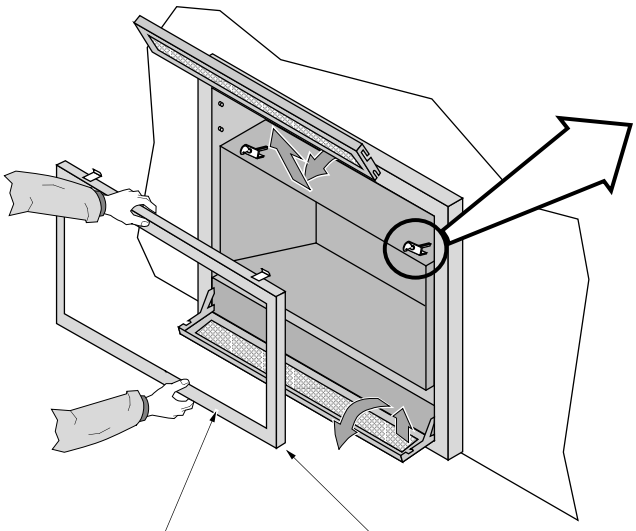
Warning: The appliance must be completely cool before removing the glass.

Warning: Do not strike or slam the glass.

Note: Remove the barrier before removing the glass (see previous page). Replace barrier after replacing the glass.

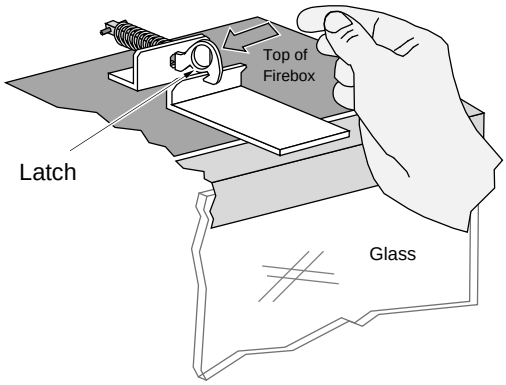
a Based upon the face being used, either:
(a) swing the access door down and remove the top grill,
(b) remove the face (unscrew or lift off - see the instructions included with the face for details).

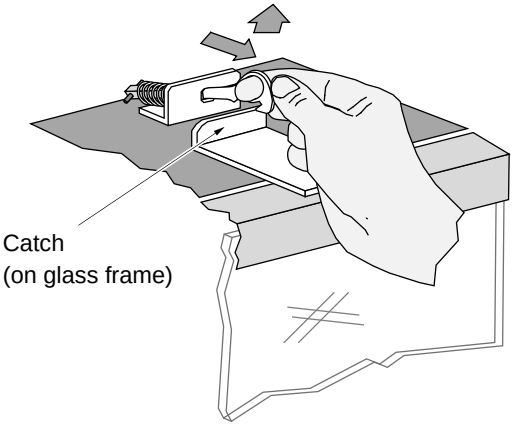
Open the four latches holding the glass frame in place (start with the bottom) - follow the directions shown to the right.



b Lift the glass frame up and pull it forward to remove.

NOTE:
You may need to lift the glass frame while re-attaching.





Re-Attaching the Glass Frame:

a) Hang the glass frame on the firebox.

b) While holding in place, attach the upper latches (follow the instructions to the right in reverse).

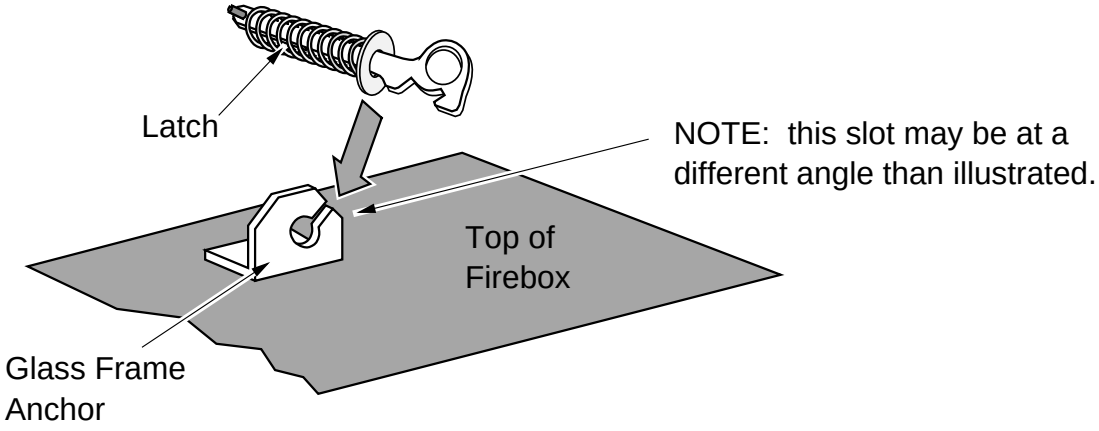
c) Lift the glass frame slightly and attach the lower latches.

NOTE: Make sure the glass frame is all the way in place - it should be flush with the front of the fireplace when installed.

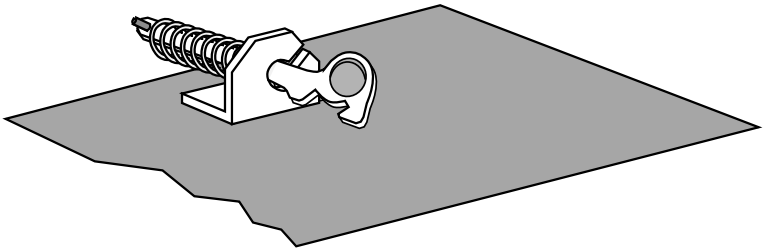
Glass Frame Removal and Installation (continued)

The latch can come loose from glass frame anchor. This occurs when it is turned 1/4 turn when it is disengaged. Follow the directions below to re-install the latch if it becomes loose.

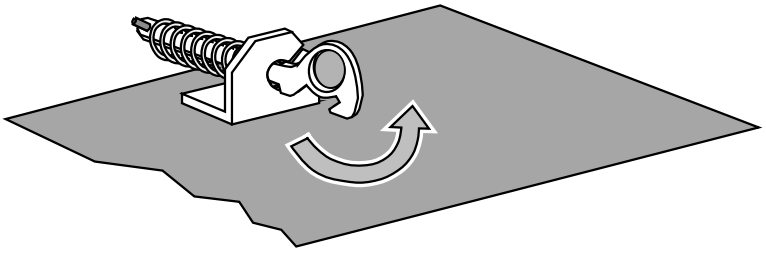
Hold the latch at an angle and insert it into the slot on the glass frame anchor.



Note how the washer on the latch fits behind the flange on the glass frame anchor.



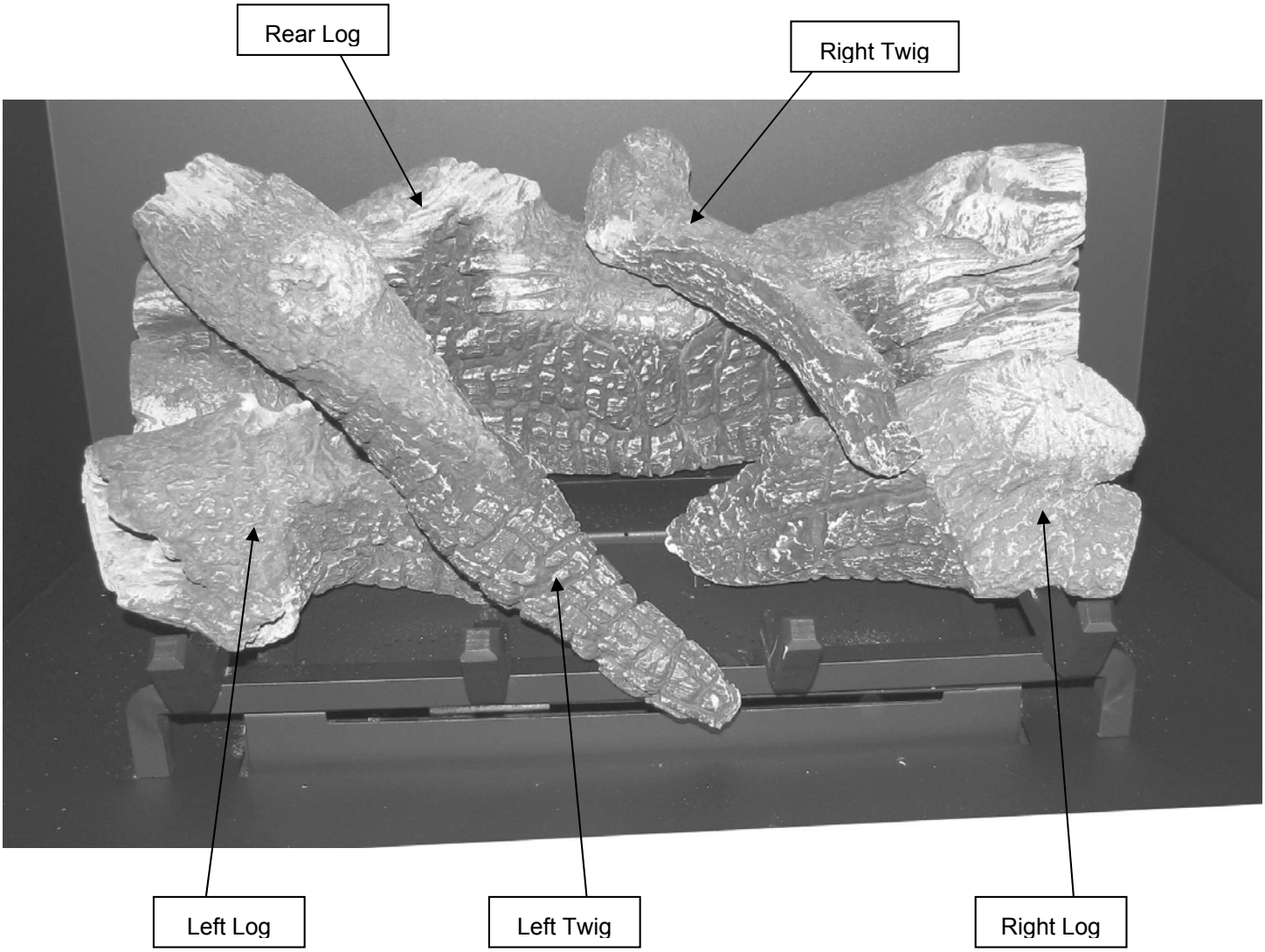
Once fully inserted, turn the latch until it is upright.



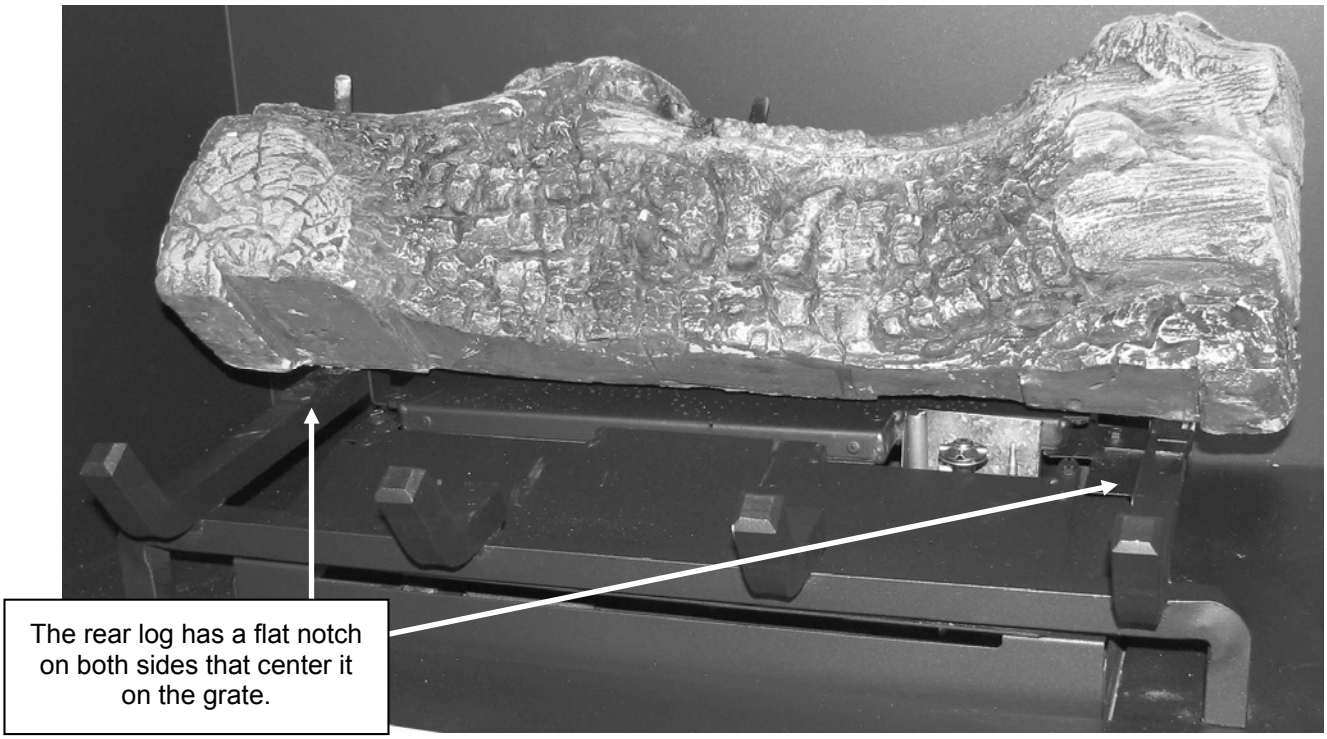
Log Set Installation

Log Set Overview

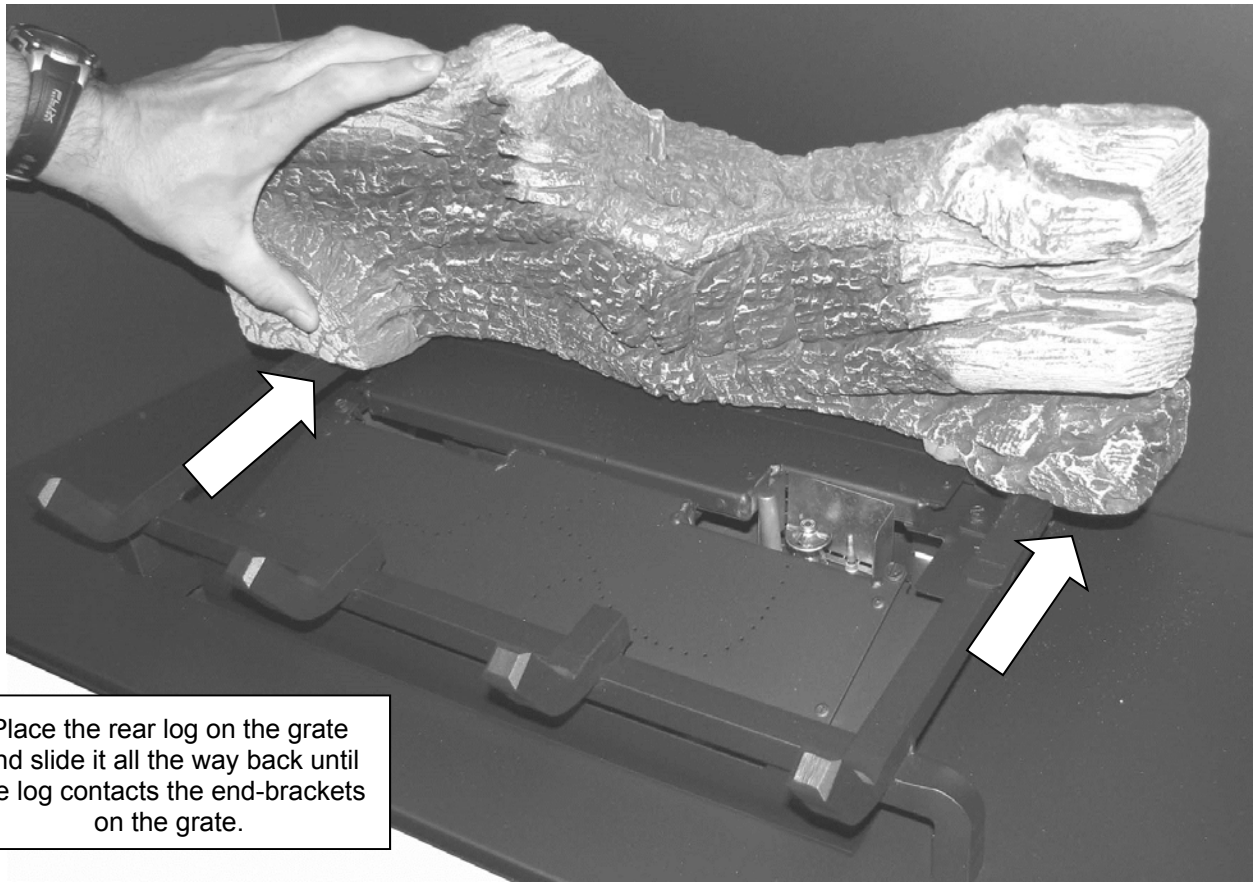
When installed, the logs should appear as shown below.



Rear Log Installation

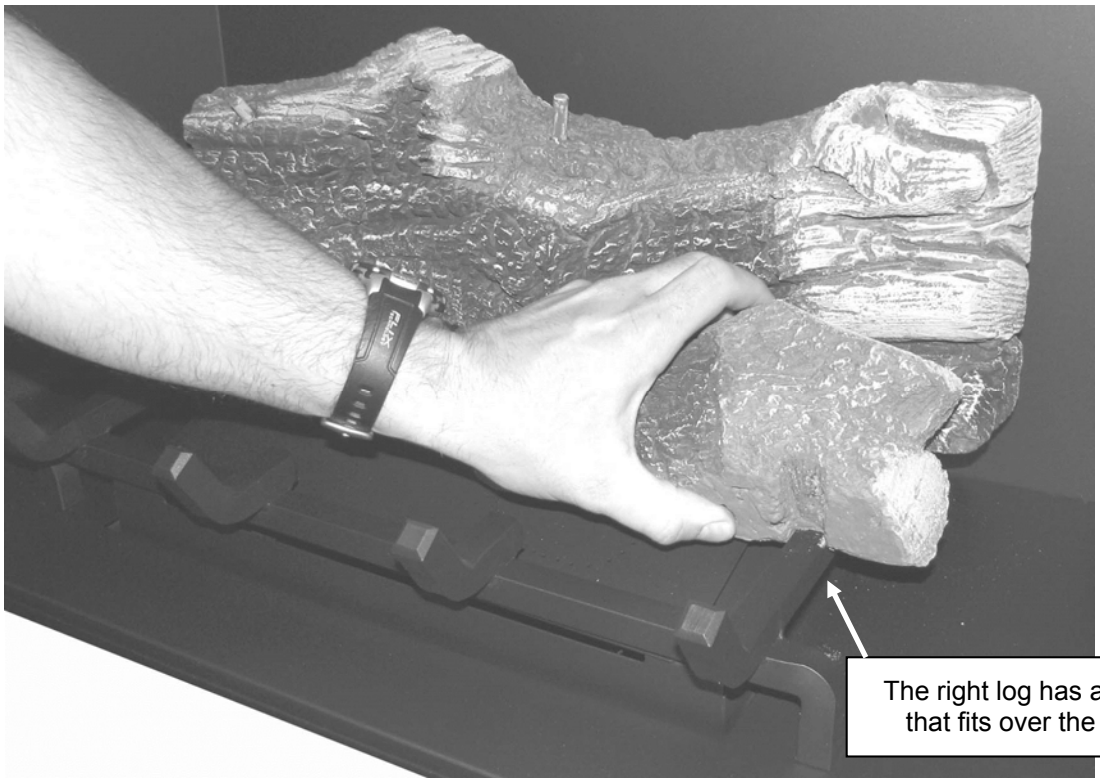


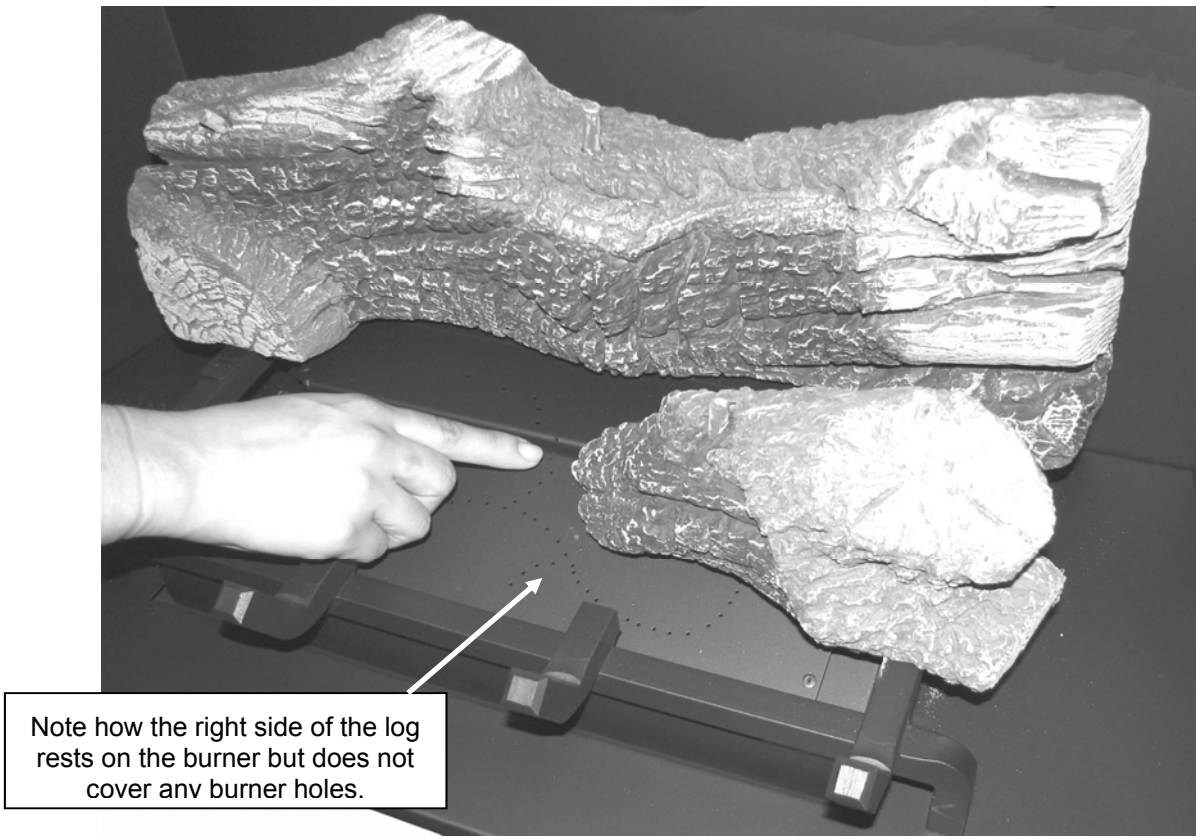
The rear log has a flat notch on both sides that center it on the grate.



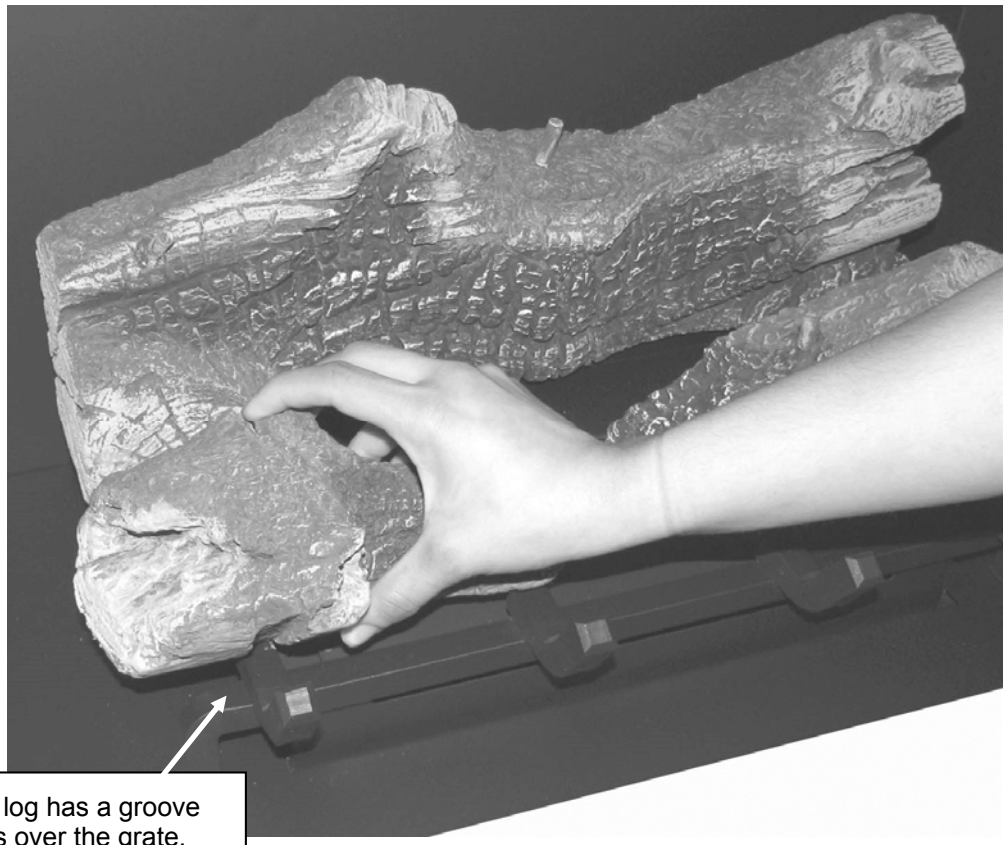
Place the rear log on the grate and slide it all the way back until the log contacts the end-brackets on the grate.

Right Log Installation

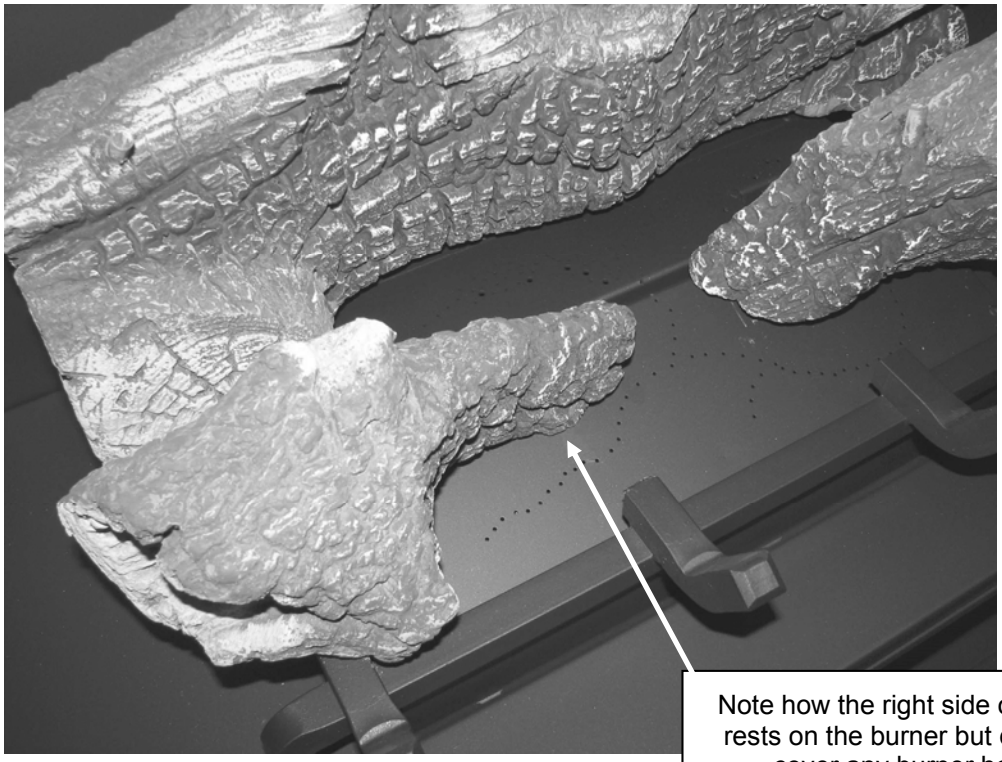




Left Log Installation

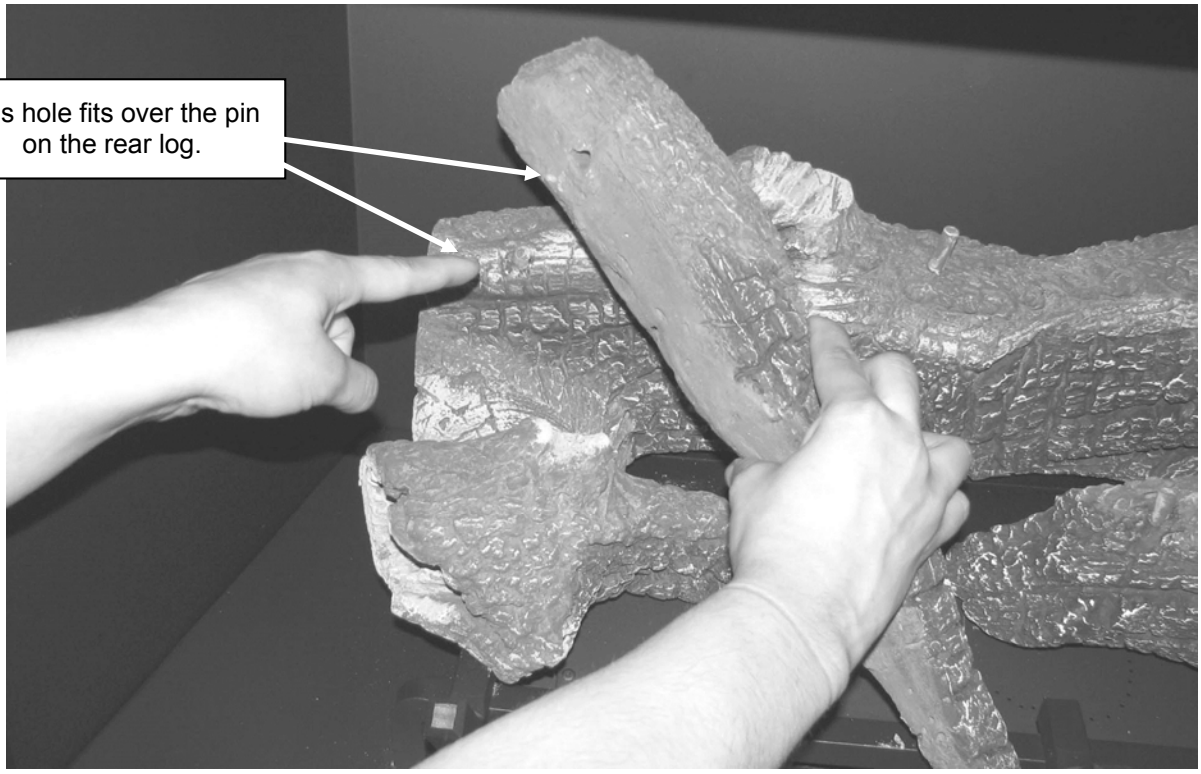


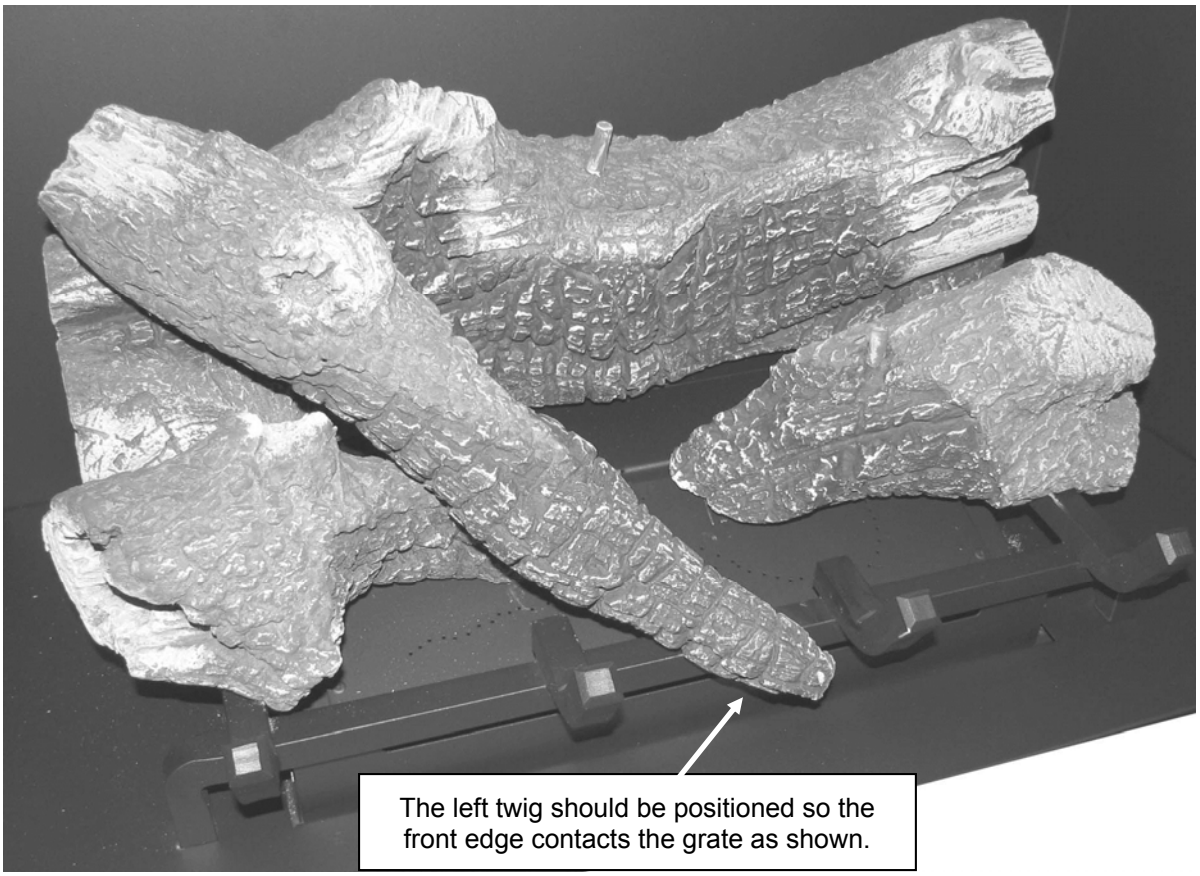
The left log has a groove that fits over the grate.



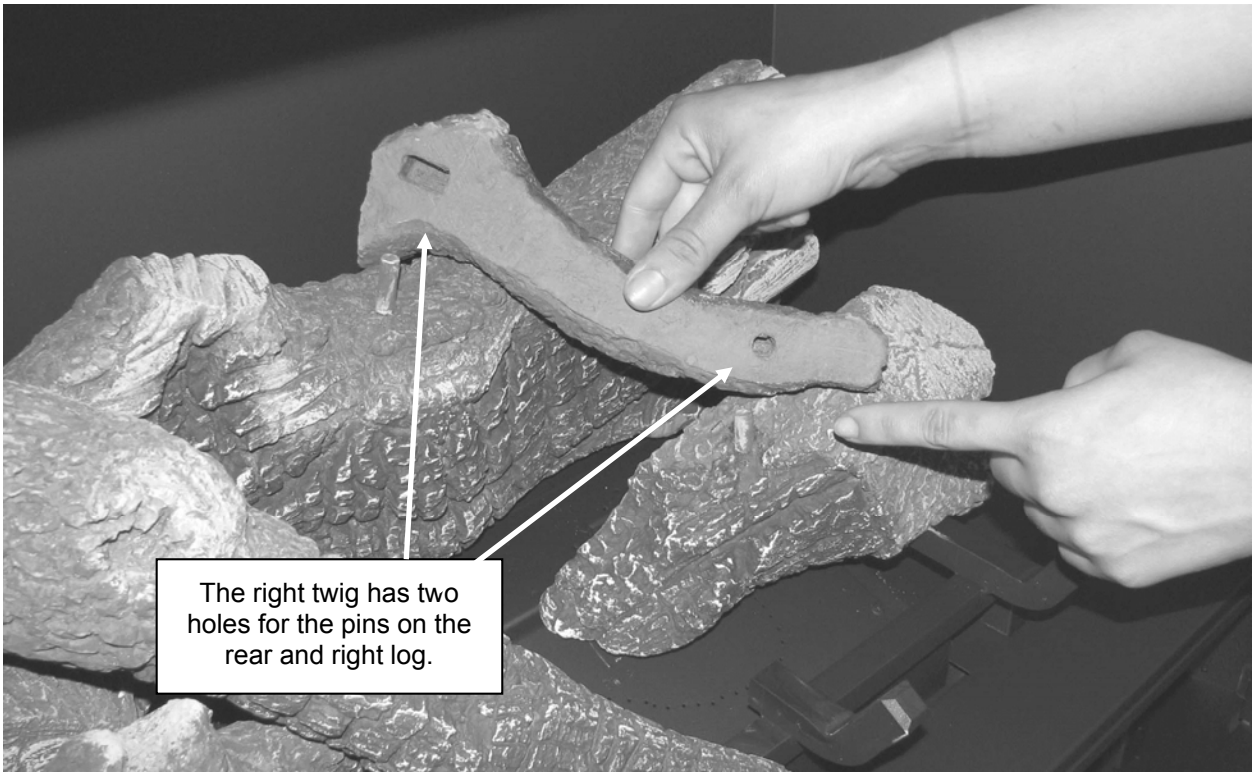
Note how the right side of the log rests on the burner but does not cover any burner holes.

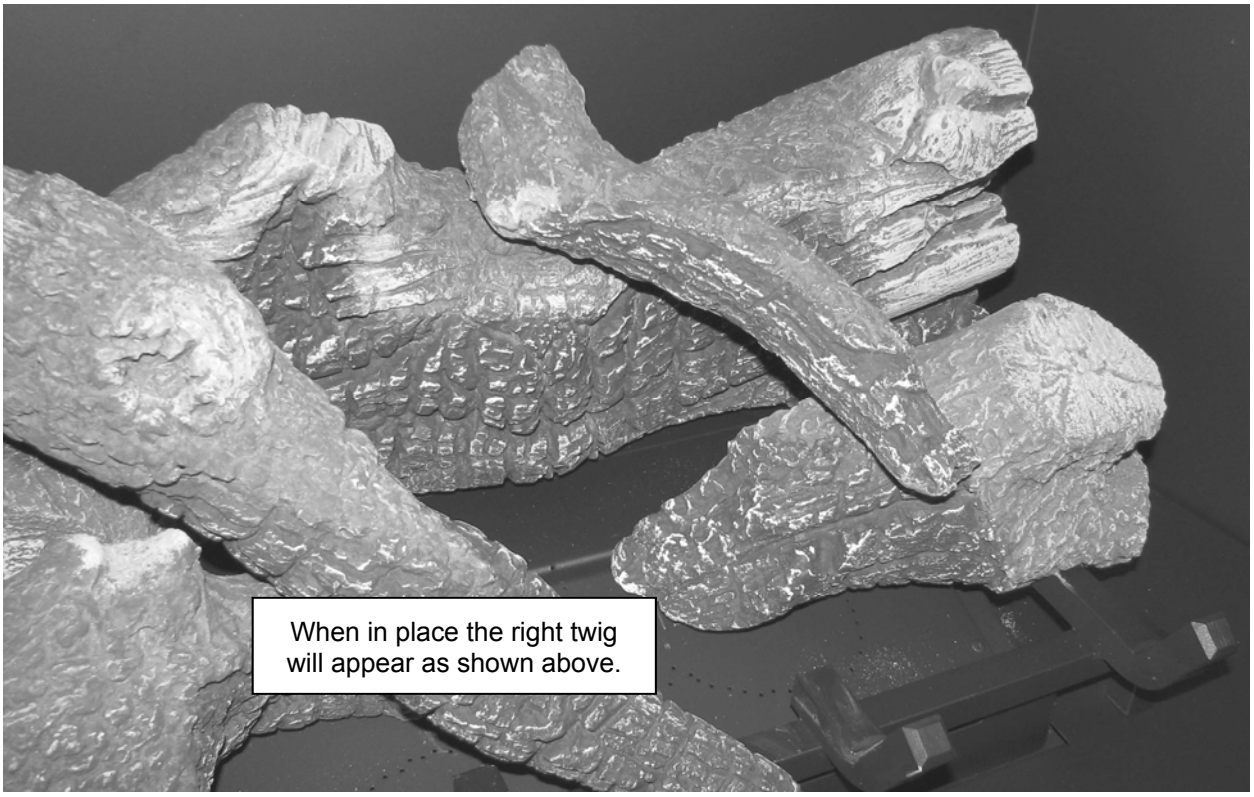
Left Twig Installation





Right Twig Installation





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Ember Installation

A bag of embers is provided to further enhance the firebox. Place the embers on the firebox floor and on the burner. Do not place embers over any of the burner holes or air channels.

Rock Wool Placement

The included rock wool is placed on top of the burner to enhance the glow from the burner. **The rock wool works best when it is applied in a very thin, porous layer.** The best method for applying the rock wool is to brush it on to the burner. Compress a clump of rockwool between your thumb and forefinger. Use a stiff brush to apply a thin layer of rockwool fibers onto the burner. Do not use the entire bag of rockwool. Use only a small amount and save the remainder. Over-use of rockwool will diminish the glow and may cause sooting or other adverse conditions.

LP Conversion Instructions

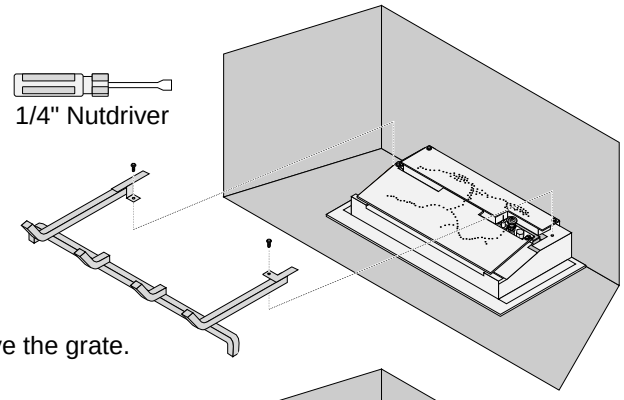
WARNING

This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

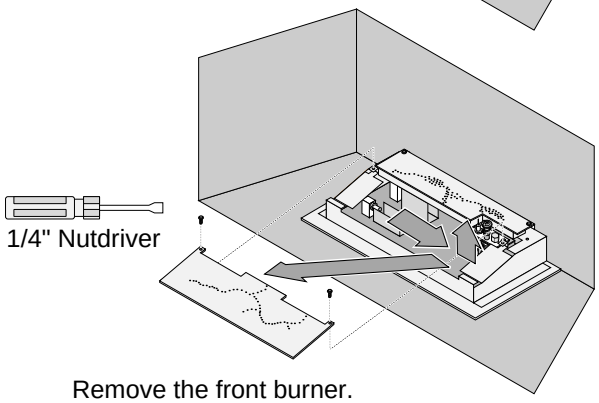
Install the conversion kit prior to installing the gas line to ensure proper gas use.

The GSR Stepper Motor Kit (SKU 94400999) is required for converting this appliance to LP. The burner orifices and burner gaskets are shipped with the appliance.

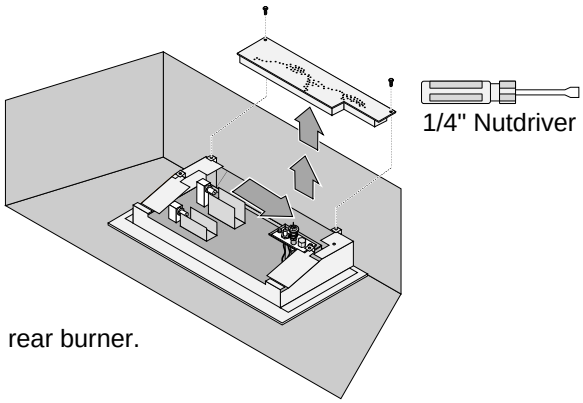
1. Remove the glass (see page 43). Remove the logs and embers (if installed - page 48)
2. Remove the burner (see illustration below).



Remove the grate.



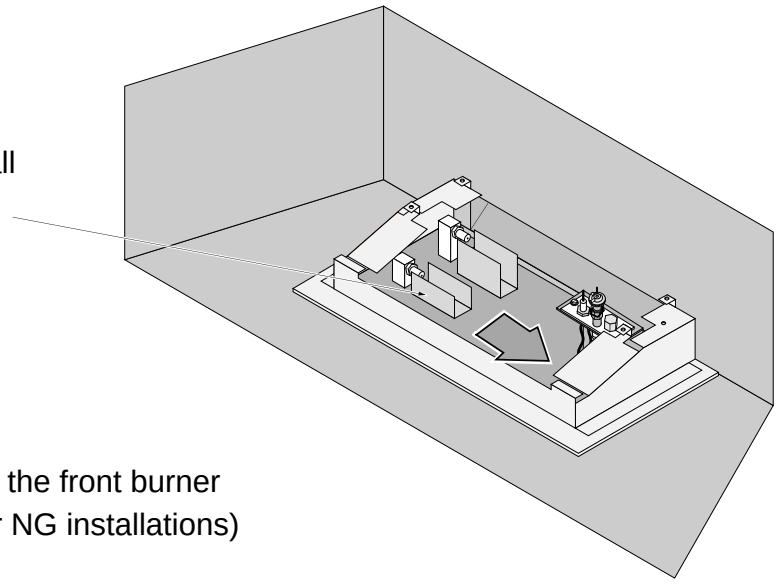
Remove the front burner.



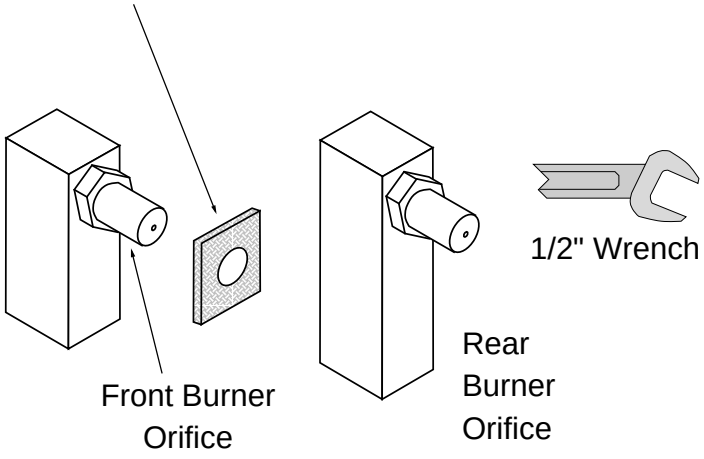
Remove the rear burner.

3. Follow the directions below to replace the orifice.

ⓐ Slide the air shutters all the way to the right.

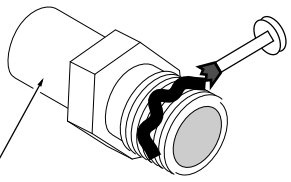


ⓑ Remove and discard the front burner gasket (used only for NG installations)



ⓒ Use a 1/2" open end wrench to unscrew the two orifices.

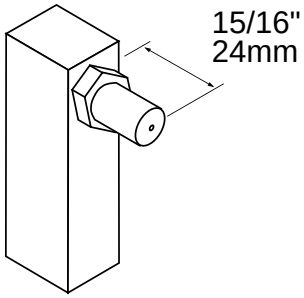
ⓓ Apply thread sealant to the LP orifices prior to installation. Use the chart below to identify the correct orifices.



Look here for the orifice identification

	NG	LP
Front	#56	#67
Rear	#50	1.1

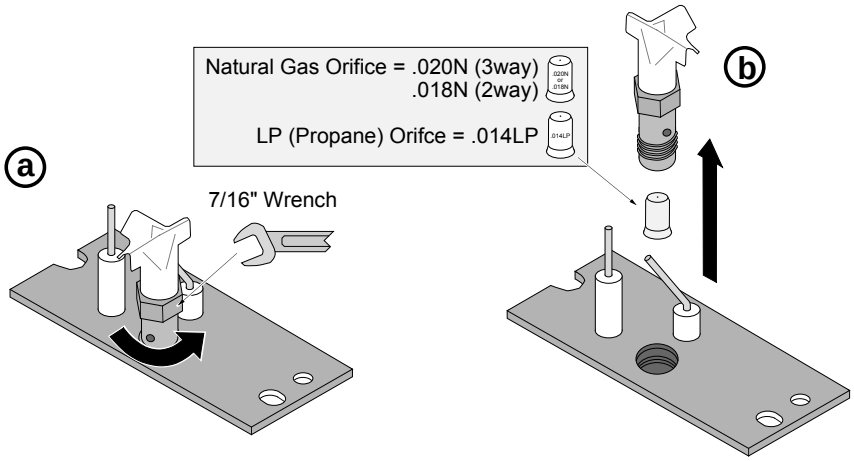
ⓔ Screw each LP orifice in so the orifice protrudes 15/16" (24mm) (indicating full insertion).



4. Install the LP pilot orifice following the instructions below.

   (a) Use a 7/16" open-end wrench to remove the pilot hood.

   (b) Remove and discard the Natural Gas (NG) orifice. Place the LP orifice in the pilot assembly then replace the pilot hood, tightening the pilot hood until it is snug (do not over-tighten).



5. Remove the control panel to access the gas control panel. The stepper motor (adjustable regulator) has an installation sheet included with it – make sure to follow all of the directions. Place the stepper motor on the gas control valve (see Figure 1) – **MAKE SURE IT IS CORRECTLY ORIENTED**. Secure using the screws included with the motor (see Figure 2) – tighten to 25 Lb-inches. Leak test this area after installation to verify proper installation.

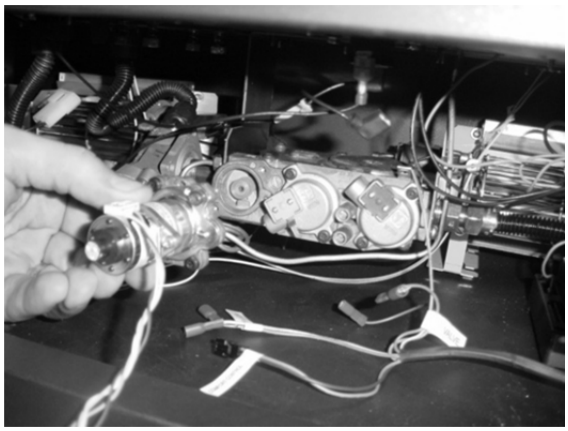


Figure 1

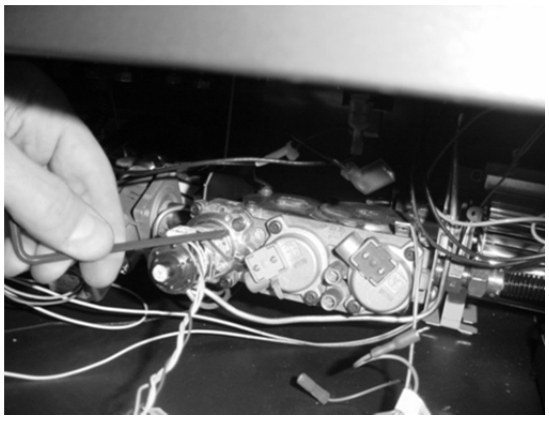


Figure 2

6. **Replace the firebox components.** Install the logs and embers. Replace the glass.
7. Make the gas line connection, bleed the gas line (if applicable), start the heater and thoroughly leak-test all gas connections and the gas control valve.

Fireback Installation

WARNING
Turn off gas to the appliance and make sure it has fully cooled prior to conducting service.

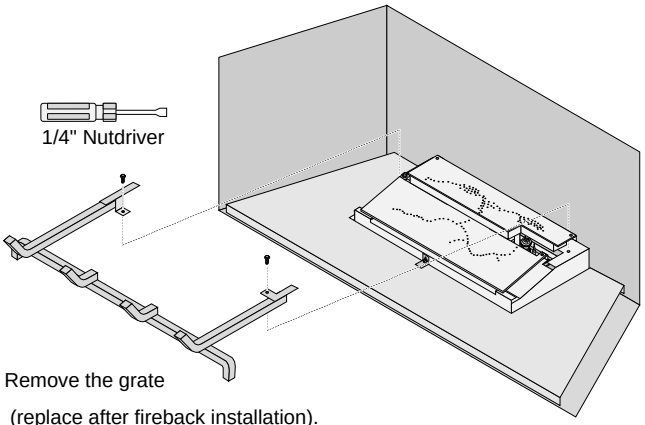
1 Remove the glass frame and logs.

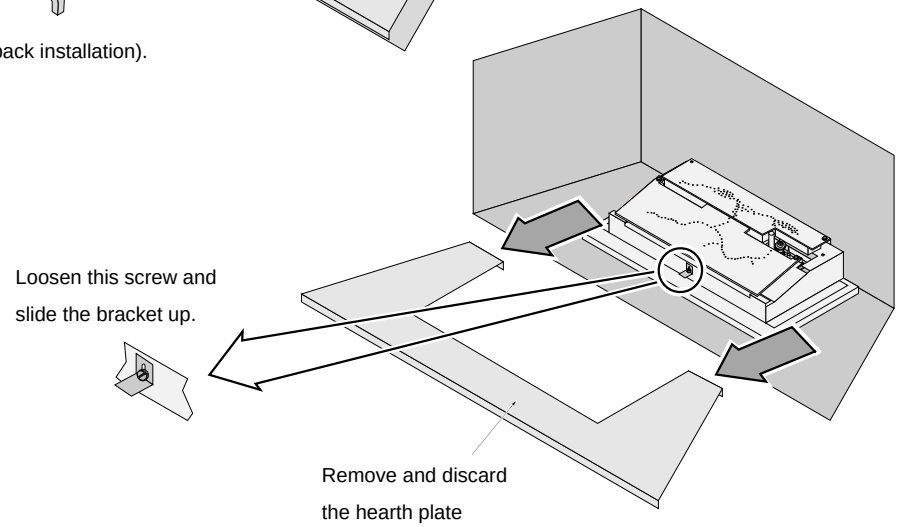
2 Remove the grate (replace after fireback installation). Remove and discard the hearth plate.

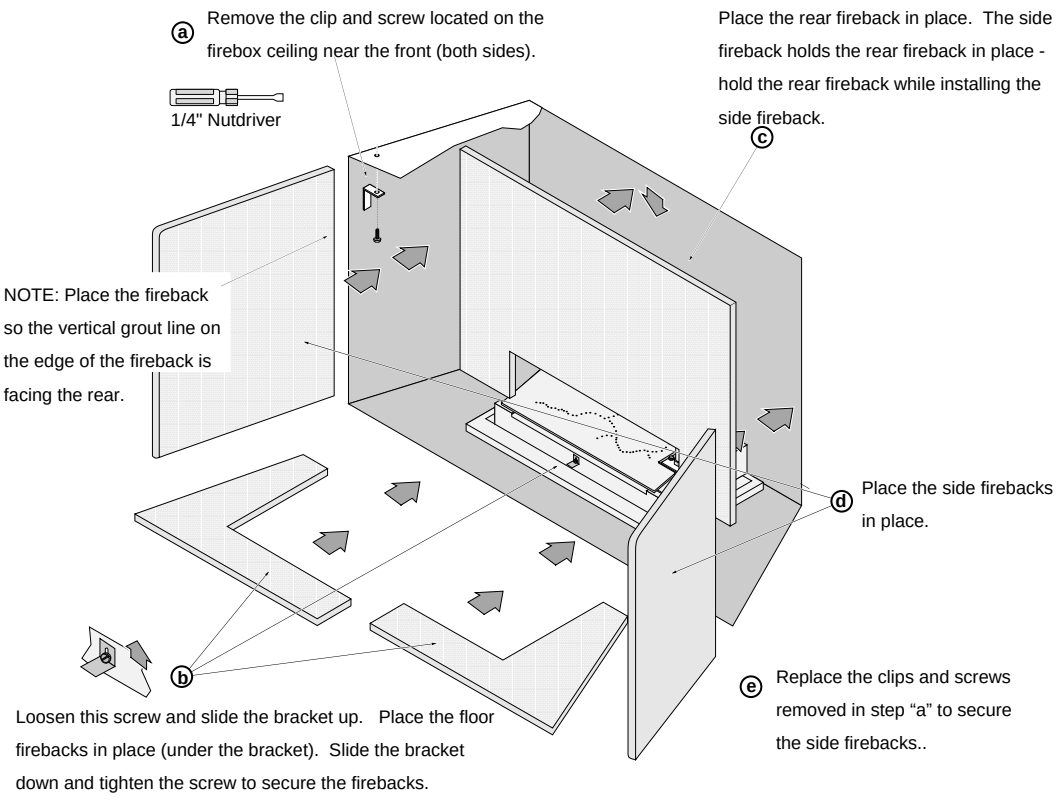
3 Install the firebacks following the directions below. Select either the straight brick or herringbone brick pattern to face outwards.

NOTE:
Due to the construction of the ceramic firebacks, you may need to re-position the firebacks to achieve the correct alignment.

4 Restore the fireplace to the correct configuration.






ⓐ Remove the clip and screw located on the firebox ceiling near the front (both sides).
1/4" Nutdriver
Place the rear fireback in place. The side fireback holds the rear fireback in place - hold the rear fireback while installing the side fireback.
ⓒ
NOTE: Place the fireback so the vertical grout line on the edge of the fireback is facing the rear.
ⓓ Place the side firebacks in place.
ⓑ
ⓔ Replace the clips and screws removed in step “a” to secure the side firebacks..
Loosen this screw and slide the bracket up. Place the floor firebacks in place (under the bracket). Slide the bracket down and tighten the screw to secure the firebacks.

Grill Installation

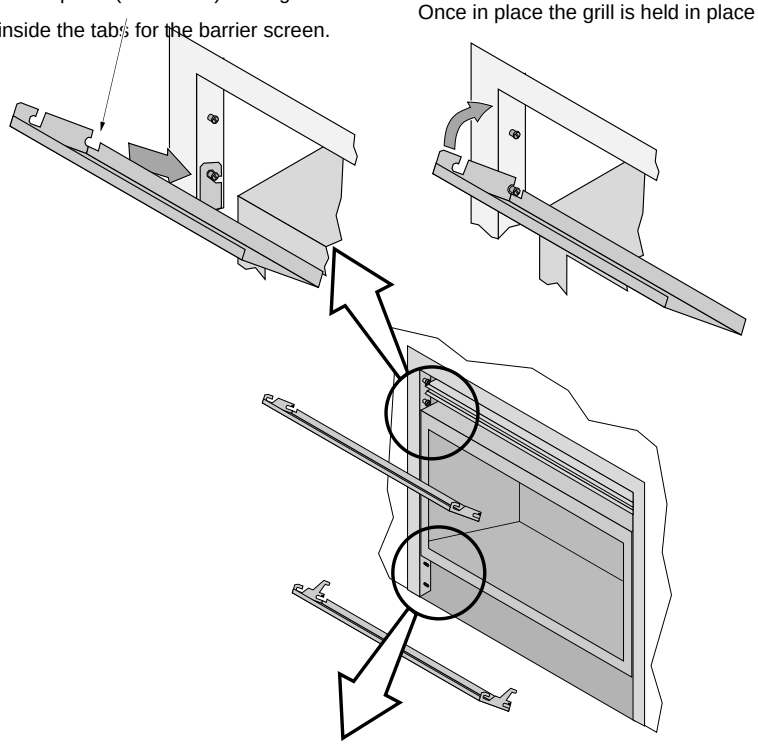
Note: Install the barrier screen before attaching the grills.

Follow the directions below to install.

Upper Grill Installation (FPX and Avalon)

Hold the grill at an angle and insert the lower slot over the lower bushing on the fireplace (both sides). The grill fits inside the tabs for the barrier screen.

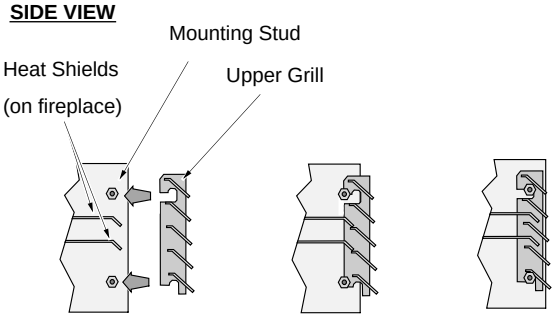
Swing the grill upwards to engage the upper slot. You will need to lift the grill slightly to get it over the bushing. Once in place the grill is held in place by gravity.



Upper Grill Installation (Lopi)

NOTE: The upper grill is difficult to install the first time - be patient, after you install it, you will know how it installs and it will be much easier the second time.

SIDE VIEW

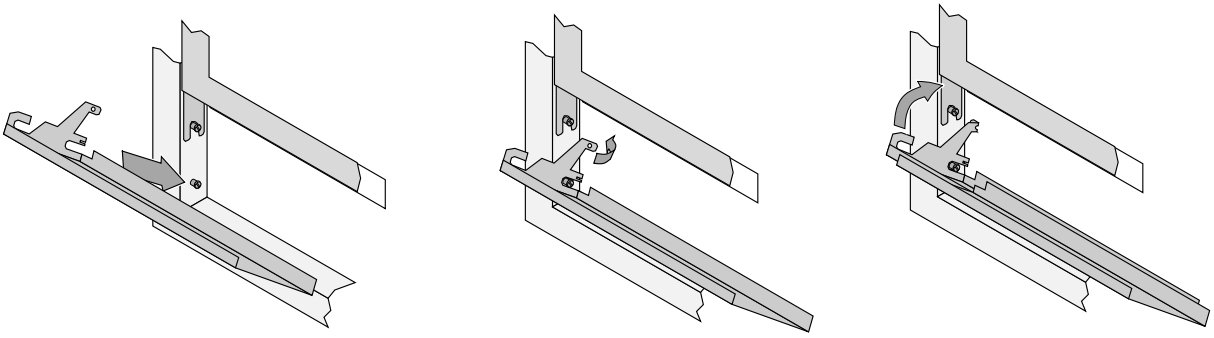


Position the grill so the slots on the grill align with the mounting studs.

You may need to push in and upwards on the grill as it inserts.

The grill, when fully inserted, will slide down and "click" into place.

Lower Grill Installation

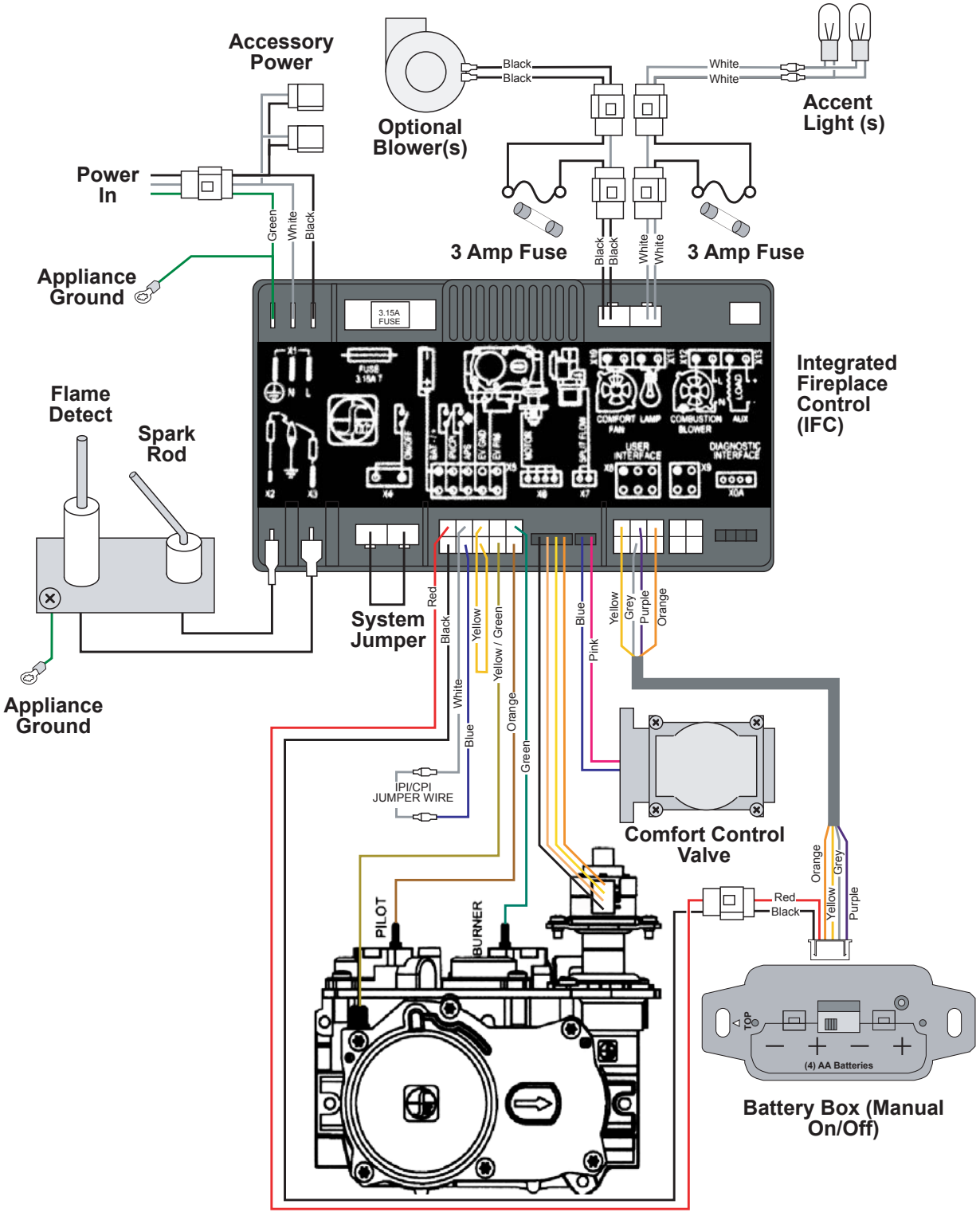


Hold the grill at an angle and insert the lower slot over the bushing on the fireplace (both sides). You may need to press on the grill to get the tab over the bushing (this prevents the grill from accidentally falling off).

Bend the tab outward on both sides. This is the end-stop for the lower grill, it allows the grill to swing forward.

Swing the grill upwards to engage the upper slot. The grill fits inside the tabs for the barrier screen. You will need to lift the grill slightly to get it over the bushing. Once in place the grill is held in place by gravity.

Wiring Diagram



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